

GW - 190

---

**GENERAL  
CORRESPONDENCE**

**YEAR(S):**  
2006-1982

---

**Lowe, Leonard, EMNRD**

---

**From:** Joshua.Morrisette@bjservices.com [Joshua.Morrisette@bjservices.com]  
**To:** Lowe, Leonard, EMNRD  
**Cc:** Mr. Joe Greenwood  
**Subject:** Re: Discharge Permit  
**Attachments:**

**Sent:** Thu 10/26/2006 1:39 PM

Great, Thanks Leonard.

Josh.

BJ Services Company, USA  
J. Morrisette  
HSE Specialist  
11211 FM 2920  
Tomball, TX 77375  
Office: 281.357.2573  
Mobile: 713.705.4875  
Fax: 281.357.2585

"Lowe, Leonard, EMNRD" <Leonard.Lowe@state.nm.us>

10/26/2006 02:39 PM

To "Mr. Joe Greenwood" <jgreenwood@bjservices.com>  
cc "Mr. Josh Morrisette" <joshua.morrisette@bjservices.com>  
Subject Discharge Permit

Mr. Joe Greenwood,

Good afternoon.

I just sent an 8 page fax to your office (FAX # 505-746-2235) as of 1:15 P.M. I would like to confirm that you received the fax. I left a messege with your assistant stating this also. Included in the fax is the approval letter and the signed discharge plan (GW-190).

It appears that the approval letter was initially sent to the Tomball office.

If you have any questions feel free to call me, I'm sure I can get you an answer.

Thank you again for the tour of your facility. It was well appreciated.

Sincerely,

Leonard Lowe  
Environmental Engineer - OCD  
Santa Fe, New Mexico 87505  
Office: 505-476-3492  
Fax: 505-476-3462

Confidentiality Notice: This e-mail, including all attachments is for the sole use of the intended recipient(s) and may contain confidential and privileged information. Any unauthorized review, use, disclosure or distribution is prohibited unless specifically provided under the New Mexico Inspection of Public Records Act. If you are not the intended recipient, please contact the sender and destroy all copies of this message. -- This email has been scanned by the Sybari - Antigen Email System.

**Lowe, Leonard, EMNRD**

---

**From:** JGreenwood@bjservices.com [JGreenwood@bjservices.com]  
**To:** Lowe, Leonard, EMNRD  
**Cc:**  
**Subject:** Re: Discharge Permit  
**Attachments:**

**Sent:** Thu 10/26/2006 1:40 PM

Thanks we received it and filed it

Joe Greenwood

Joe Greenwood  
Facility Supervisor  
Artesia NM  
(505) 746-3140

"Lowe, Leonard,  
EMNRD"  
<Leonard.Lowe@state.nm.us>  
10/26/2006 01:39 PM  
To  
"Mr. Joe Greenwood"  
<jgreenwood@bjservices.com>  
cc  
"Mr. Josh Morrissette"  
<joshua.morrissette@bjservices.com>  
Subject  
Discharge Permit

Mr. Joe Greenwood,

Good afternoon.

I just sent an 8 page fax to your office (FAX # 505-746-2235) as of 1:15 P.M. I would like to confirm that you received the fax. I left a messege with your assistant stating this also. Included in the fax is the approval letter and the signed discharge plan (GW-190).

It appears that the approval letter was initially sent to the Tomball office.

If you have any questions feel free to call me, I'm sure I can get you an answer.

Thank you again for the tour of your facility. It was well appreciated.

Sincerely,

Leonard Lowe  
Environmental Engineer - OCD  
Santa Fe, New Mexico 87505  
Office: 505-476-3492  
Fax: 505-476-3462

Confidentiality Notice: This e-mail, including all attachments is for the sole use of the intended recipient(s) and may contain confidential and privileged information. Any unauthorized review, use, disclosure or distribution is prohibited unless specifically provided under the New Mexico Inspection of Public Records Act. If you are not the intended recipient, please contact the sender and destroy all copies of this message. -- This email has been scanned by the Sybari - Antigen Email System.



September 20, 2006

2006 SEP 27 AM 11 39

CERTIFIED MAIL NO. 7005 0390 0000 3789 1477

RETURN RECEIPT REQUESTED

New Mexico Oil Conservation District  
Environmental Bureau  
Attn: Mr. Wayne Price  
1220 South St. Francis Drive  
Santa Fe, NM 87505

RE: Notification of Artesia Facility Expansion & Modification  
Discharge Plan No. GW-109 **190**  
BJ Services Company, USA  
11211 FM 2920  
Tomball, TX 77375

Dear Mr. Price:

BJ Services Company, U.S.A (BJ Services) will be expanding and modifying its Artesia Facility, located at 2401 Sivley, Artesia, NM. The facility will be expanded to the north into a previously unutilized portion of the property. This area will be used to accommodate truck traffic flow into the facility and no operations will be moved into this portion of the property.

The facility modifications are as follows:

1. Replace existing Truck Wash Rack Enclosure;
2. Install an Oil/Water Separator and tie into city sewer;
3. Discontinue use of the Sanitary Waste Leach Field;
4. Relocate the Lube Oil Island; and
5. Construct an LFC Benchmark Plant.

The current truck wash rack consists of an open ended metal structure. The replacement structure will be built using the same or similar materials and each wash bay will be equipped with doors. An oil/water separator will be installed to pre-treat the wash water generated from the truck wash rack. Water from the truck wash is currently being recycled for reuse in the wash rack. However, the operations and maintenance activities associated with wash water recycling system are not practical for this application, as a result this system is being replaced by an oil/water separator that will be tied into the city sewer.



After the oil/water separator is installed and operational and once the facility is tied into the city sanitary sewer system, use of the facility's sanitary waste leach field will be discontinued. The contents of the holding tank (approximate dimensions of 6-ft deep by 6-ft wide by 60-ft long) will be removed and then the tank will be filled with cement. Once the holding tank is filled, the former sanitary waste leach field will be tested for compressive strength. It is anticipated that, following the yard expansion and modification activities, heavy truck traffic will be directed over the former sanitary waste leach field. If results of compression testing indicate that the subsurface will not support heavy truck traffic, then efforts will be made to prepare the former sanitary waste leach field for this type of traffic. Prior to commencing this work all appropriate permits will be obtained by the construction contractor.

The Lube Oil Island is comprised of six 500-gallon tanks within a fiberglass secondary containment. When the Lube Oil Island is relocated, there will be no changes to the types of material stored; BJ Services may add another 500-gallon tank to this location. All 500-gallon tanks will be within a fiberglass secondary containment and the entire Lube Oil Island and its associated loading area will be constructed on a cement pad with approximately 4-inch high curbing on all sides.

The LFC Benchmark Plant will consist of one (1) 10,000-gallon tank within a secondary containment. This tank, its secondary containment, and the associated loading area will be placed on a cement pad that will have approximately 4-inch high curbing on all sides.

Enclosed is a set of figures, Figure 1 shows the current layout of the facility and Figure 2 shows the layout of the facility following modifications. BJ Services has also enclosed a specification sheet of the oil/water separator being installed for your review.

If you have any questions or comments, please contact me at (281) 357-2573.

Thank You.

Regards,

  
Josh Morrisette  
HSE Specialist

Cc: Jo Ann Cobb – BJ Services, Tomball (w/out enclosures)  
David Winkles – BJ Services, Midland (w/out enclosures)  
Robert Payne – BJ Services, Artesia (w/out enclosures)

Enclosures: (3)

---



**Figure 1 - Current Layout  
BJ Services - Artesia District**





# SPECIFICATIONS

Model: PSRC-700-SC-LS

Separator Volume: 720 Gallons

Solids Compartment Volume: 180 Gallons

Lift Station Compartment Volume: 160 Gallons

Total Volume: 1,060 Gallons

Oil Storage: Up to 100 Gallons Recommended

Flow Rate: 0 to 25 GPM Non-Emulsified Pumped Flow

Performance: 10 ppm or Less Free Oil

Construction: 7 Gauge ASTM A-36 Carbon Steel

Interior Coating: High Solids Epoxy (White)

Exterior Coating: High Solids Epoxy (White)

Separator Weight: ~3,200 lbs

If drawing meets with your approval sign and date below and return to PS International so we may commence fabrication.

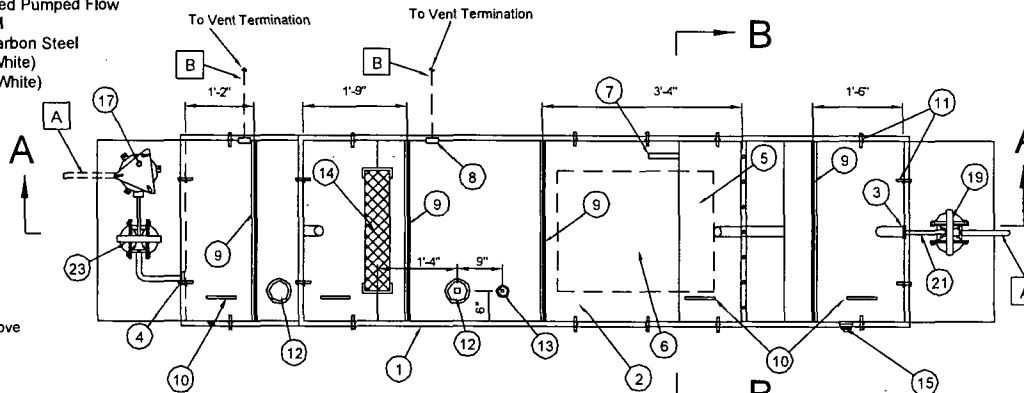
Signature: \_\_\_\_\_

Date: \_\_\_\_\_

This drawing contains confidential information and must only be used for the installation, fabrication or promotion of PS International, Inc. products or services.

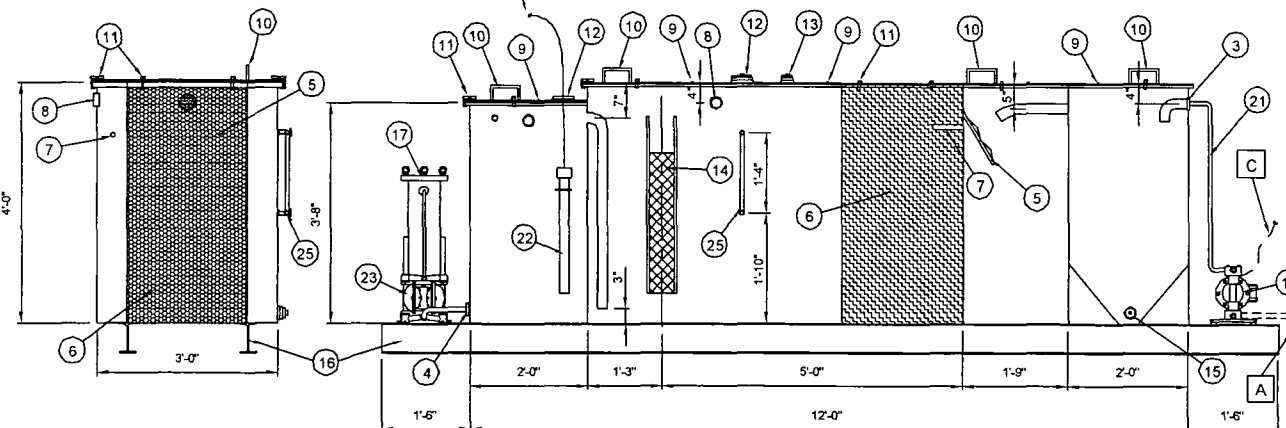
## NOTES

1. Vents must be terminated per local codes and for safety requirements.
2. Separator must be filled with clean water prior to being put into service.
3. This separator is designed to remove free oils. Emulsions and/or dissolved hydrocarbons will not be removed by this equipment.



**PLAN**

SCALE: 1/2" = 1'-0"



**SECTION B-B**

SCALE: 1/2" = 1'-0"

**SECTION A-A**

SCALE: 1/2" = 1'-0"

## PSI Furnished Equipment


1. 7 Gauge Carbon Steel Oil-Water Separator
2. 10 Gauge Steel Cover with Hinge and Latches
3. 2" NPT Full Coupling Inlet Connection
4. 2" NPT Full Coupling Outlet Connection
5. Corrugated Plate Separator
6. PVC Corrugated Plate Pack Assembly
7. 1" Oil Transfer Pipe
8. 2" NPT Half-Coupling for Vent Connection
9. Access Hinge on Separator Cover
10. Lifting Handles on Cover
11. Eighteen (18) Quick Release Latches on Cover
12. 4" NPT Half-Coupling for Possible Sensor Installation
13. 2" NPT Full Coupling for Oil Pump-Out
14. Polypropylene Media Final Polishing Coalescer in Stainless Steel Frame
15. 2" Half Coupling with Ball Valve for Solids Drain
16. Two (2) 15' Long I-Beam Skids with 1'-6" Long Platforms on Each End
17. FSI Model BFN-11 Carbon Steel Bag Filter Housing with Fifty (50) FSI Model PONG-10 10 Micron Filter Bags.
18. Wilden Model LCS1/4/U2C/W/D/BN Pneumatic Level Controller (Not Shown)
19. Wilden Model P2 AA/PP/BN/BN Air Diaphragm Pump Mounted on Skid
20. Wilden Model FR100 PW 2/4/8 SZ 1/4" Air Filter Regulator (Not Shown)
21. 3/4" Carbon Steel Piping from Pump to Separator Inlet

## OPTIONAL ITEMS:

22. Wilden Model LCS1/4/U2C/W/D/BN Pneumatic Level Controller (For Lift Station)
23. Wilden Model P2 AA/PP/BN/BN Air Diaphragm Pump Mounted on Skid
24. Wilden Model FR100 PW 2/4/8 SZ 1/4" Air Filter Regulator (Not Shown)
25. Conbraco Model 20-353 Brass Gauge Glass Assembly with Ball Checks, Valves, and Four (4) Guard Rods

## Equipment Furnished by Others

- A. 1" Inlet Piping from Pump to Influent Sump
- B. 2" Diameter Separator Vent Piping
- C. Air Supply Line to Air Regulator and Air Pump
- D. 1" NPT Half Coupling for Vent Connection (Siphon Break)
- E. Discharge Piping from Bag Filter. Pipe Connection is 2".
- F. Level Foundation Consisting of Concrete, Asphalt, or Other Grade Material (Not Shown)

NUMBER	DATE	REVISIONS:	BY
PSI Quote No.	Project:		
PSI Sales Order No.	Distributed By: National Chemical Co., Inc. P.O. Box 78216 Shreveport, LA 71137-8216		
Customer PO No.	 <b>PS International, Inc.</b> 5309 East Ryan Place Sioux Falls, S.D. 57110 Ph.#: (605) 332-1885 Fax#: (605) 332-1293		
Drawn:	Date:	Checked By:	Drawing No.
BJS	9-28-05	GWP	PSRC-700-SC-LS-00



## CURRENT-ARGUS PUBLISHING CO INC

620 S MAIN

P O BOX 1629

CARLSBAD NM 88220

305/887-5501

ADVERTISING

INVOICE and STATEMENT

APRIL

OIL CONSERVATION DIVISION

TOTAL AMOUNT DUE

UNAPPLIED AMOUNT

TERMS OF PAYMENT

74.90

.00

NET 10 DAYS

CURRENT NET AMOUNT DUE

30 DAYS

60 DAYS

OVER 90 DAYS

74.90

.00

.00

.00

PAGE #	BILLING DATE	BILLED ACCOUNT NAME AND ADDRESS	REMITTANCE ADDRESS
1	04/30/05	OIL CONSERVATION DIVISION ATTN MARY ANAYA 1220 S. ST. FRANCIS DRIVE SANTA FE NM 87505	CURRENT-ARGUS PUBLISHING CO 620 S MAIN P O BOX 1629 CARLSBAD NM 88220
	BILLED ACCOUNT NUMBER 02402		
	ADVERTISER/CLIENT NUMBER 00000		

SALESPERSON:006

THANK YOU FOR ADVERTISING IN THE CURRENT-ARGUS

PLEASE DETACH AND RETURN UPPER PORTION WITH YOUR REMITTANCE.

DATE	NEWSPAPER REFERENCE	DESCRIPTION OTHER COMMENTS/CHARGES	SAU SIZE BILLED UNITS	TIMES RUN RATE	GROSS AMOUNT	NET AMOUNT
04/01	0141513	** PRIOR BALANCE NOTICE OF PUBLICATION C-A	148 148.00	01	69.56	0.00
04/01	2140574	AFF CHG/(GW-190) BJ SERVI C-A ** TOTAL AMOUNT DUE **			5.34	74.90

RECEIVED  
MAY 11 2005  
OIL CONSERVATION

## STATEMENT OF ACCOUNT AGING OF PAST DUE AMOUNTS

1	2	3	4	5	6	7	8	9	10
CURRENT NET AMOUNT DUE	30 DAYS	60 DAYS	OVER 90 DAYS	UNAPPLIED AMOUNT	TOTAL AMOUNT DUE				
74.90					74.90				

CURRENT-ARGUS PUBLISHING CO INC

\*UNAPPLIED AMOUNTS ARE INCLUDED IN TOTAL AMOUNT DUE

1	2	3	4	5	6	7	8	9	10
BILLING PERIOD	BILLED ACCOUNT NUMBER	ADVERTISER/CLIENT NUMBER	ADVERTISER/CLIENT NAME						
APRIL	02402	00000	OIL CONSERVATION DIVI						

SALESPERSON:006

**XICO  
OF SANTA FE  
DICIAL**

No.  
CV-2004-2438

ST. CROIX  
MENT, LLC,  
Plaintiff,

BRACE; THE  
IN SPOUSE OF  
BRACE, IF  
IE UNKNOWN  
NG SPOUSE  
E. M. BRACE,  
D, IF ANY,  
Defendant(s).

**DE OF SALE**

IS HEREBY  
at the under-  
pecial Master  
**April 12, 2005,**  
**a.m., Outside**  
**t Entrance of**  
**ta Fe County**  
**Complex,**  
**teve Herrera**  
**Courthouse,**  
**, NM, sell and**  
**o the highest**  
**r cash all the**  
**le, and inter-**  
**the above-**  
**defendants in**  
**d the following**  
**d real estate**  
**in said**  
**nd State:**

**ATTACHED  
IBIT "A"**

ress of the  
perty is **400**  
**Street, Unit**  
**anta Fe, NM**  
said sale will  
e pursuant to  
ee of Foreclo-  
ered on **Feb-**  
**, 2005, in the**  
entitled and  
d cause,  
as a suit to  
a note and  
e held by the  
Plaintiff and  
Plaintiff was  
l to have a  
gainst the  
cribed real  
the sum of  
plus inter-  
March 15,  
the date of  
the rate of  
r annum, the  
sale, includ-  
Special Mas-  
publication  
nd Plaintiff's  
xpended for  
surance, and  
the property  
repair. Plain-  
the right to  
uch sale and  
its bid ver-  
in writing.  
tiff may ap-  
any part of  
sent to the

otherwise appurtenant to such Assigned Unit; and (iii) non-exclusive right to use and enjoy the Common Elements of the Project, for their intended purposes, during (A) in the case of "floating" Timeshare Interests, such Use Periods as shall properly have been reserved in accordance with the provisions of the then current Rules and Regulations promulgated by Villas de Santa Fe Condominium Association, Inc.; and (B) in the case of "fixed" Timeshare Interests, such Fixed Vacation Week as is specifically set forth below, all pursuant to the Declaration of Condominium for Villas de Santa Fe, A Condominium, duly recorded in the Office of the County Clerk of Santa Fe County, New Mexico, in Book 1462, at Page 195, as amended from time to time (the "Declaration").  
Initial Use Year: 2003  
UDI-Float  
Timeshare Interest  
Number of Rights (if applicable): 1000  
Legal #76775  
Pub. March 14, 21, 28; April 4, 2005

NOTICE is hereby given that on January 31, 2005, Application No. 02044, 2005, 02110, RG-18500, RG-20141, & RG-80195--Explore was filed with the OFFICE OF THE STATE ENGINEER by El Vadito de Los Cerrillos Municipal Domestic Water Association, P.O. Box 6, Cerrillos, NM 80010, for Permit to Use a Well to Supplement a Ground Water Diversion. The applicant seeks to commence use of existing exploratory well RG-80195, 45 feet deep with 4.5 inch casing, located within the SW1/4 SE1/4, SE1/4 of Section 18, Township 14 North, Range 8 East, NMPM, on land owned by Allen A. Fowler, at 04 Santa Drive, Cerrillos, NM, as a supplemental point for diversion of up to 12 acre-feet of water, as a portion of 55 acre-feet of water per annum acquired by the applicant and described under Declarations No. 02044, 02055, 02110, RG-18500, and RG-20141 and used for domestic and municipal purposes within

**STATE OF  
NEW MEXICO  
COUNTY OF SANTA FE  
FIRST JUDICIAL  
DISTRICT**

No. D101CV200401950

ABN AMRO MORT-  
GAGE GROUP, INC.,  
Plaintiff,

vs.

CARRIE ANN DEAGUERO; NORLARCO CREDIT COMPANY; UNKNOWN MOBILE HOME LIENHOLDERS, IF ANY; UNKNOWN MOBILE HOME OWNERS, IF ANY; UNKNOWN OCCUPANTS WHOSE TRUE NAMES ARE UNKNOWN; THE UNKNOWN SPOUSE OF CARRIE ANN DEAGUERO, IF ANY,  
Defendant(s).

**NOTICE OF SALE**

NOTICE IS HEREBY GIVEN that the undersigned Special Master will on **April 12, 2005, at 11:45 a.m., Outside the Front Entrance of the Santa Fe County Judicial Complex, n/k/a Steve Herrera District Courthouse, Santa Fe, NM,** sell and convey to the highest bidder for cash all the right, title, and interest of the above-named defendants in and to the following described real estate located in said County and State:

**SEE ATTACHED  
EXHIBIT "A"**

The address of the real property is **3 Highway 56, Espanola, NM 87532.** Said sale will be made pursuant to the Decree of Foreclosure entered on **February 25, 2005,** in the above entitled and numbered cause, which was a suit to foreclose a note and mortgage held by the above Plaintiff and wherein Plaintiff was adjudged to have a lien against the above-described real estate in the sum of **\$111,170.18,** plus interest from February 28, 2005 to the date of sale at the rate of **7.625%** per annum, the costs of sale, including the Special Master's fee, publication costs, and Plaintiff's costs expended for taxes, insurance, and keeping the property in good repair. Plaintiff has the right to bid at such sale and submit its bid verbally or in writing. The Plaintiff may apply all or any part of

distance of 90.22 feet to the northeast corner; thence S. 7° 55' 25" W., a distance of 59.31 feet to the southeast corner; thence N. 77° 25' W., a distance of 91.5 feet to the southwest corner; thence N. 8° 59' E., a distance of 54.17 feet to the northwest corner, to the true point and place of beginning.  
Legal #76776  
Pub. March 14, 21, 28; April 4, 2005

**-LEGAL DEADLINES**

**Publishes...Deadline**

Mon.....9:30a.m. Wed.  
Tue.....9:30a.m. Thur.  
Wed.....9:30a.m. Fri.  
Thur.....9:30a.m. Mon.  
Fri.....9:30a.m. Tue.

\*Earlier deadlines will apply for holidays.

The Santa Fe New Mexican accepts no liability for legal ads that fail to publish to meet the requirements of local ordinances.

**NOTICE OF  
PUBLICATION**

**STATE OF  
NEW MEXICO  
ENERGY, MINERALS  
AND NATURAL  
RESOURCES  
DEPARTMENT  
OIL CONSERVATION  
DIVISION**

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations, the following discharge permit application(s) has been submitted to the Director of the Oil Conservation Division, 1220 S. Saint Francis Drive, Santa Fe, New Mexico 87505, Telephone (505) 476-3440:

(GW-190) BJ Services Company, Jo Ann Cobb, Manager of Environmental Services, (281) 351-813, 11211 FM 2920, Tomball, Texas, 77375, has submitted a renewal application for the previously approved discharge plan for the Artesia, New Mexico service yard located in the SE/4, SE/4 of Section 32, Township 16 South, Range 26 East, NMPM, Eddy County, New Mexico. Site generated waste will be disposed of off-site at an approved OCD facility. Groundwater most likely to be affected in

**LEGAL NOTICE**

The Eastern New Mexico University Board of Regents will meet Friday, April 8, 2005 at 9 a.m. at the Ruidoso Instruction Center on the ENMU-Ruidoso Campus. Regents will act upon business so presented and may meet in the executive session. Agendas for the meetings are available at the Information Center of the University. Relations office located in the ENMU-Portales campus Administration Building. The public is invited to attend the regular meeting. Eastern New Mexico University is an EEO/AA institution.  
Legal #76875  
Pub. April 4, 2005

**FIRST JUDICIAL  
DISTRICT COURT  
COUNTY OF SANTA FE,  
STATE OF  
NEW MEXICO**

NO.  
D-0101-CV-02005-  
00513

**APOLONIA ANAYA,**

Plaintiff,

vs.

**PARAGRAPH A:** The following persons, if living, and if deceased, the unknown heirs of such persons:

**JAMES LANCE KALLER;**  
**ROBERT D. GARCIA**  
and **M. JOAN GARCIA;**  
husband and wife;  
**JAMES F. AND**  
**CHRISTINA BLANEY,**  
husband and wife;  
**EDWARD TAYLOR**  
and **DONALD P.**  
**TAYLOR;** **ROBERT W.**  
**HORNE;** and **MARK H.**  
**WOOD;**

**PARAGRAPH B:**  
All unknown claimants of interest in the premises adverse to the Plaintiffs,

Defendants;

**NOTICE OF PENDENCY  
OF SUIT**

TO: **JAMES LANCE KALLER,** **ROBERT D. GARCIA** and **M. JOAN GARCIA,** **JAMES F. and CHRISTINA BLANEY,** **EDWARD TAYLOR** and **DONALD P. TAYLOR,** **ROBERT W. HORNE,** and **MARK H. WOOD,** if living; or if deceased, the unknown heirs; and all unknown claimants of interest in the premises adverse to Plaintiff

Invitation No.4-  
General 2005-06  
To Purchase Dual  
Purpose Paper and  
Computer Paper  
(Warehouse Stock)

Specifications and bid forms may be obtained in the Purchasing Department, Room #204 of the Santa Fe Public Schools, 610 Alta Vista St., Santa Fe, New Mexico. The Santa Fe Public Schools reserves the right to reject any and all bids.

Barbara J. Marino,  
Purchasing Specialist  
Legal #76874  
Pub. April 4, 2005

**SANTA FE, NEW MEXICO, March 24, 2005.**  
**NOTICE OF SEIZURE AND INTENT TO FORFEIT.** The items listed were seized for violation of Federal laws within Ports (24) of the El Paso Field Office area. Any person desiring to claim the items listed (restricted or prohibited items excluded) must appear and file with the Fines, Penalties and Forfeitures (FP&F) Officer within 21 days from date of first publication of this notice. A claim to such items and a bond of \$5,000 or 10% of the value of the claimed property, whichever is lower but not less than \$250 will stop the forfeitures proceedings. The entire matter will then be referred to the U.S. Attorney for judicial proceedings in Federal Court. If a claim and cost bond or waiver is not posted before the close of business on April 25, 2005, the listed property will be disposed of in accordance with law.

Martha Ligus  
Fines & Penalties  
Officer

2003 2407 000021  
AN ALTARPIECE MADE  
OF GOLD LEAF SCULPTURE  
IN WOOD AFFIXED TO WOOD  
PANELS, APPROXIMATELY  
LATE 16TH CENTURY,  
SPANISH COLONIAL,  
DEPICTING ARCHANGELS  
ON SIDE PANELS  
TOP OR CENTER  
PANEL BEARING JESUIT  
INSCRIPTION, ATTRIBUTED  
TO ARTISTS BERNARDO  
BITTI AND/OR PEDRO DE  
VARGAS, APPROXIMATELY  
129 BY 93

purchase price in lieu of cash.

At the date and time stated above, the Special Master may postpone the sale to such later date and time as the Special Master may specify.

**NOTICE IS FURTHER GIVEN** that this sale may be subject to a bankruptcy filing, a pay off, a reinstatement or any other condition that would cause the cancellation of this sale. Further, if any of these conditions exist, at the time of sale, this sale will be null and void, the successful bidder's funds shall be returned, and the Special Master and the mortgagee giving this notice shall not be liable to the successful bidder for any damages.

**NOTICE IS FURTHER GIVEN** that the real property and improvements concerned with herein will be sold subject to any and all patent reservations, easements, all recorded and unrecorded liens not foreclosed herein, and all recorded and unrecorded special assessments and taxes that may be due.

**NOTICE IS FURTHER GIVEN** that the purchaser at such sale shall take title to the above-described real property subject to rights of redemption.

Dated: March 8, 2005.

**Robert A. Doyle**  
Special Master  
c/o Shapiro & Meinhold, L.L.P.  
13725 Struthers Road,  
Suite 201  
Colorado Springs,  
CO 80921  
(800) 286-0013  
(719) 634-4868

**PLAINTIFF'S EXHIBIT A**

An undivided 1000/289000 interest in fee simple as tenant in common in and to Unit Number(s) 1105, together with a corresponding undivided interest in the Common Furnishings which are appurtenant to such Unit(s), as well as the recurring (i) exclusive to reserve, use, and occupy an Assigned Occupancy

the El Vadito de Los Cerrillos Municipal Domestic Water Association service area (more specifically described by attachment to the subject application), in Cerrillos, NM. The existing diversion system diverts underground water at point within the SW1/4 SE1/4 NE1/4 of Section 9, Township 14 North, Range 8 East, by common language within the San Marcos Arroyo, approximately 2.3 miles northeast of the Village of Cerrillos. The water association currently provides water for approximately 350 people living in and around the Village of Cerrillos, NM (134 metered members and 42 water haulers). Discharge from the dam has decreased from 22 gallons per minute to 4.5 gallons per minute in 2003. The system, as is, is not capable of sustaining adequate water for existing and future demands.

Any person, firm or corporation or other entity having standing to file objections or protests shall do so in writing (legible, signed, and include the writer's complete name and mailing address). The objection to the approval of the application must be based on: (1) Impairment; if impairment you must specifically identify your water rights; and/or (2) Public welfare/conservation of water; if public welfare or conservation of water within the state of New Mexico, you must show you will be substantially affected. The written protest must be filed, in triplicate, with John R. D'Antonio, Jr., P.E., State Engineer, Bataan Memorial Building, Room 102, P.O. Box 25102, Santa Fe, NM 87504, within ten (10) days after the date of last publication of this Notice. Facsimiles (fax) will be accepted as long as the hard copy is sent within 24-hours of the facsimile. Mailing postmark will be used to validate the 24-hour period. Protest can be faxed to Office of the State Engineer, 505/827-6682. If no valid protest or objection is filed, the

its judgment to the purchase price in lieu of cash.

At the date and time stated above, the Special Master may postpone the sale to such later date and time as the Special Master may specify.

**NOTICE IS FURTHER GIVEN** that this sale may be subject to a bankruptcy filing, a pay off, a reinstatement or any other condition that would cause the cancellation of this sale. Further, if any of these conditions exist, at the time of sale, this sale will be null and void, the successful bidder's funds shall be returned, and the Special Master and the mortgagee giving this notice shall not be liable to the successful bidder for any damages.

**NOTICE IS FURTHER GIVEN** that the real property and improvements concerned with herein will be sold subject to any and all patent reservations, easements, all recorded and unrecorded liens not foreclosed herein, and all recorded and unrecorded special assessments and taxes that may be due.

**NOTICE IS FURTHER GIVEN** that the purchaser at such sale shall take title to the above-described real property subject to rights of redemption.

Dated: March 8, 2005.

**Robert A. Doyle**  
Special Master  
c/o Shapiro & Meinhold, L.L.P.  
13725 Struthers Road,  
Suite 201  
Colorado Springs,  
CO 80921  
(800) 286-0013  
(719) 634-4868

**PLAINTIFF'S EXHIBIT A**

A certain parcel of land, lying and being situate within and being a portion of S.H.C. 6251, Tract 1, of Section 5 and 8, T.20 N., R.9 E., N.M.P.M., in the vicinity of El Sitio, County of Santa Fe, State of New Mexico, being more particularly described as follows, to wit: Beginning at a point for Angle Point No. 2 of S.H.C. 6234, Tracts 1, marked with a U.S.G.L.O. Government Brass Cap; thence S.

the event of an accidental discharge is at a depth of approximately 15 feet with a total dissolved solids content ranging from 22mg/l to 180 mg/l. The renewal applications consist of methods and procedures for handling products, waste, wastewater management, and site groundwater investigation/remediation plans.

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge permit application and draft discharge permit may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday. The draft discharge permit may also be viewed at OCD's web site <http://www.emnrd.state.nm.us/oed/>. Prior to ruling on any proposed discharge permit or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted and a public hearing may be requested by any interested person. Requests for a public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is significant public interest.

If no public hearing is held, the Director will approve or disapprove the proposed permit based on information available. If a public hearing is held, the director will approve or disapprove the proposed permit based on information in the permit and information submitted at the hearing.

**GIVEN** under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 29th day of March 2005.

STATE OF  
NEW MEXICO  
OIL CONSERVATION

**GREETINGS:**

You are hereby notified that the above-named Plaintiff has filed a civil action against you in the above-entitled Court and cause, the general object thereof being to (a) establish her fee simple title to the Real Estate described as follows:

Tract "A-1" as shown on Plat of Survey entitled "Land Division created by Five Year Exemption for Apolonia A. (Schultz) Anaya," filed for record as Document Number 1284226, appearing in Plat Book 540 at page 009, records of Santa Fe County, New Mexico.

(b) determine that the Defendants herein, and each of them, are barred and forever estopped from having or claiming any right, title or interest to or in or any lien or claim upon said Real Estate described above, or any part thereof, adverse to the Plaintiff; (c) forever quieting and setting at rest Plaintiff's title in and to all of said Real Estate described above. Unless you serve a pleading or motion in response to the Complaint in this cause within thirty (30) days of the date of the first publication of this Notice, judgment by default will be entered against you. The first date of publication is Monday, March 28, 2005.

Dated: March 22, 2005.

Respectfully submitted,  
  
**RUBIN KATZ**  
LAW FIRM,  
a Professional Corporation  
By  
Owen C. Rouse III  
Attorneys for Plaintiff  
P.O. Drawer 250  
Santa Fe, NM  
87504-0250  
(505) 982-3610

**WITNESS** the Honorable Carol J. Vigil, District Court Judge of the First Judicial District Court of the State of New Mexico, and the seal of the District Court of said County, this 22 day of March, 2005.

**STEPHEN T. PACHECO**  
CLERK OF THE

# Affidavit of Publication

State of New Mexico,  
County of Eddy, ss.

**Dawn Higgins**, being first duly sworn, on oath says:

That she is Business Manager of the Carlsbad Current-Argus, a newspaper published daily at the City of Carlsbad, in said county of Eddy, state of New Mexico and of general paid circulation in said county; that the same is a duly qualified newspaper under the laws of the State wherein legal notices and advertisements may be published; that the printed notice attached hereto was published in the regular and entire edition of said newspaper and not in supplement thereof on the date as follows, to wit:

April 1	2005
_____	2005
_____	2005
_____	2005

That the cost of publication is \$ 74.90

and that payment thereof has been made and will be assessed as court costs.

*Dawn Higgins*

Subscribed and sworn to before me this

4 day of April, 2005  
*Stephanie Dobson*

My commission expires 12-13-05

Notary Public

April 1, 2005

## NOTICE OF PUBLICATION

### STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations, the following discharge permit application(s) has been submitted to the Director of the Oil Conservation Division, 1220 S. Saint Francis Drive, Santa Fe, New Mexico 87505, Telephone (505) 476-3440:

(GW-190) BJ Services Company, Jo Ann Cobb, Manager of Environmental Services, (281) 351-813, 11211 FM 2920, Tomball, Texas, 77375, has submitted a renewal application for the previously approved discharge plan for the Artesia, New Mexico service yard located in the SE/4, SE/4 of Section 32, Township 16 South, Range 26 East, NMPM, Eddy County, New Mexico. Site generated waste will be disposed of off-site at an approved OCD facility. Groundwater most likely to be affected in the event of an accidental discharge is at a depth of approximately 15 feet with a total dissolved solids content ranging from 22mg/l to 180 mg/l. The renewal application consist of methods and procedures for handling products, waste, wastewater management, and site groundwater investigation/ remediation plans.

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge permit application and draft discharge permit may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday. The draft discharge permit may also be viewed at OCD's web site: <http://www.emnrd.state.nm.us/oed>. Prior to ruling on any proposed discharge permit or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted and a public hearing may be requested by any interested person. Requests for a public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is significant public interest.

If no public hearing is held, the Director will approve or disapprove the proposed permit based on information available. If a public hearing is held, the director will approve or disapprove the proposed permit based on information in the permit and information submitted at the hearing.

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 29th day of March 2005.

STATE OF NEW  
MEXICO  
OIL CONSERVATION  
DIVISION

Mark Fesmire,  
Director

RECEIVED

MAR 09 2005

OIL CONSERVATION  
DIVISION

THE SANTA FE  
**NEW MEXICAN**

Founded 1849

RECEIVED

APR 05 2005

NM OIL CONSERVATION DIV.

*Attn: Wayne Price*

1220 ST. FRANCIS DR

SANTA FE NM 87505

OIL CONSERVATION  
DIVISION

ALTERNATE ACCOUNT: 56689

AD NUMBER: 00113033 ACCOUNT: 00002212

LEGAL NO: 76871 P.O. #: 05-199-050185

224 LINES 1 TIME(S) 98.56

AFFIDAVIT: 5.50

TAX: 7.61

TOTAL: 111.67

AFFIDAVIT OF PUBLICATION

STATE OF NEW MEXICO  
COUNTY OF SANTA FE

I, B. Perner, being first duly sworn declare and say that I am Legal Advertising Representative of THE SANTA FE NEW MEXICAN, a daily newspaper published in the English language, and having a general circulation in the Counties of Santa Fe and Los Alamos, State of New Mexico and being a newspaper duly qualified to publish legal notices and advertisements under the provisions of Chapter 167 on Session Laws of 1937; that the publication # 76871 a copy of which is hereto attached was published in said newspaper 1 day(s) between 04/04/2005 and 04/04/2005 and that the notice was published in the newspaper proper and not in any supplement; the first date of publication being on the 4th day of April, 2005 and that the undersigned has personal knowledge of the matter and things set forth in this affidavit.

/s/ *B Perner*  
LEGAL ADVERTISEMENT REPRESENTATIVE

Subscribed and sworn to before me on this 4th day of April, 2005

Notary *Janet L. Montoya*  
Commission Expires: *12/30/07*



OFFICIAL SEAL  
Janet L. Montoya  
NOTARY PUBLIC - STATE OF NEW MEXICO  
MY COMMISSION EXPIRES *12/30/07*



**NOTICE OF  
PUBLICATION**

**STATE OF  
NEW MEXICO  
ENERGY, MINERALS  
AND NATURAL  
RESOURCES  
DEPARTMENT  
OIL CONSERVATION  
DIVISION**

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations, the following discharge permit application(s) has been submitted to the Director of the Oil Conservation Division, 1220 S. Saint Francis Drive, Santa Fe, New Mexico 87505, Telephone (505) 476-3440:

**(GW-190) BJ Services Company, Jo Ann Cobb, Manager of Environmental Services, (281) 351-813, 11211 FM 2920, Tomball, Texas, 77375, has submitted a renewal application for the previously approved discharge plan for the Artesia, New Mexico service yard located in the SE/4, SE/4 of Section 32, Township 16 South, Range 26 East, NMPM, Eddy County, New Mexico. Site generated waste will be disposed of off-site at an approved OCD facility. Groundwater most likely to be affected in the event of an accidental discharge is at a depth of approximately 15 feet with a total dissolved solids content ranging from 22mg/l to 180 mg/l. The renewal application consist of methods and procedures for handling products, waste, wastewater management, and site groundwater investigation/remediation plans.**

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil

Conservation Division at the address given above. The discharge permit application and draft discharge permit may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday. The draft discharge permit may also be viewed at OCD's web site.

<http://www.emnrd.state.nm.us/oecd/>. Prior to ruling on any proposed discharge permit or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted and a public hearing may be requested by any interested person. Requests for a public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is significant public interest.

If no public hearing is held, the Director will approve or disapprove the proposed permit based on information available. If a public hearing is held, the director will approve or disapprove the proposed permit based on information in the permit and information submitted at the hearing.

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 29th day of March 2005.

**STATE OF  
NEW MEXICO  
OIL CONSERVATION  
DIVISION**

**S E A L**

Mark Fesmire,  
Director

Legal #76871  
Pub. April 4, 2005



## Price, Wayne

---

**From:** Price, Wayne  
**Sent:** Tuesday, March 29, 2005 2:54 PM  
**To:** Jason Goodwin (E-mail)  
**Cc:** Bratcher, Mike  
**Subject:** OCD issued Public Notice

Went out today



PUBNOT03\_29\_05.  
DOC

Sincerely:

Wayne Price  
New Mexico Oil Conservation Division  
1220 S. Saint Francis Drive  
Santa Fe, NM 87505  
505-476-3487  
fax: 505-476-3462  
E-mail: WPRICE@state.nm.us

## NOTICE OF PUBLICATION

### STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations, the following discharge permit application(s) has been submitted to the Director of the Oil Conservation Division, 1220 S. Saint Francis Drive, Santa Fe, New Mexico 87505, Telephone (505) 476-3440:

**(GW-190) BJ Services Company, Jo Ann Cobb, Manager of Environmental Services, (281) 351-813, 11211 FM 2920, Tomball, Texas, 77375, has submitted a renewal application for the previously approved discharge plan for the Artesia, New Mexico service yard located in the SE/4, SE/4 of Section 32, Township 16 South, Range 26 East, NMPM, Eddy County, New Mexico. Site generated waste will be disposed of off-site at an approved OCD facility. Groundwater most likely to be affected in the event of an accidental discharge is at a depth of approximately 15 feet with a total dissolved solids content ranging from 22mg/l to 180 mg/l. The renewal application consist of methods and procedures for handling products, waste, wastewater management, and site groundwater investigation/remediation plans.**

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge permit application and draft discharge permit may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday. The draft discharge permit may also be viewed at OCD's web site <http://www.emnrd.state.nm.us/oed/>. Prior to ruling on any proposed discharge permit or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted and a public hearing may be requested by any interested person. Requests for a public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is significant public interest.

If no public hearing is held, the Director will approve or disapprove the proposed permit based on information available. If a public hearing is held, the director will approve or disapprove the proposed permit based on information in the permit and information submitted at the hearing.

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 29<sup>th</sup> day of March 2005.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION

S E A L

Mark Fesmire, Director

## Price, Wayne

---

**From:** Price, Wayne  
**Sent:** Tuesday, March 29, 2005 10:15 AM  
**To:** Price, Wayne; 'rpayne@bjservices.com'  
**Cc:** Gum, Tim; Barton, Van; 'Jo Ann Cobb (E-mail)'; 'Jason Goodwin (E-mail)'; Bratcher, Mike  
**Subject:** RE: BJ Service Artesia Yard GW-190

Correction: Jason Goodwin has already submitted the discharge plan with \$fees some time ago. OCD will correct the field inspection report to reflect this. Once again it just shows how diligent BJ is at this facility. OCD will issue public notice immediately. Thanks again for the good work!



insp form 32205.rtf

-----Original Message-----

**From:** Price, Wayne  
**Sent:** Tuesday, March 29, 2005 9:00 AM  
**To:** 'rpayne@bjservices.com'  
**Cc:** Gum, Tim; Barton, Van; Jo Ann Cobb (E-mail); Jason Goodwin (E-mail); Bratcher, Mike  
**Subject:** BJ Service Artesia Yard GW-190

Dear Mr. Payne:

Please find enclosed a copy of the environmental facility Inspection report and photos. Please make note of items 1 and 2 of the remedial action required.

**Special Note for the record:** The OCD would like to take this opportunity to congratulate BJ Service Artesia facility for its outstanding housekeeping and environmental compliance. This facility's managers and all of the BJ employees should be complimented for a job well done.

<< File: insp form 32205.rtf >> << File: Inspection Photos March 22, 2005.doc >>

Sincerely:

Wayne Price  
New Mexico Oil Conservation Division  
1220 S. Saint Francis Drive  
Santa Fe, NM 87505  
505-476-3487  
fax: 505-476-3462  
E-mail: WPRICE@state.nm.us

# Environmental Facility Inspection

Inspection Detail Photos/Images

Facility Name: **BU ARTESIA (WESTERN)** Time Out: **13:30** Time In: **14:30** Inspector: **Wayne Price** Date: **01/06/2005** Purpose: **Normal Routine Activity** Inspection Date: **03/22/2005** Inspection No: **EWV-1518/03/21/05** Type: **Field Inspection**

## Violations / Documentation

Legal Violations or Indicate Compliance: ☒ **No Violations Identified - All O.K.**

Documentation Acquired: ☐ Samples ☒ Statements ☐ Sketch ☐ Video ☒ Photos

## Compliance Items

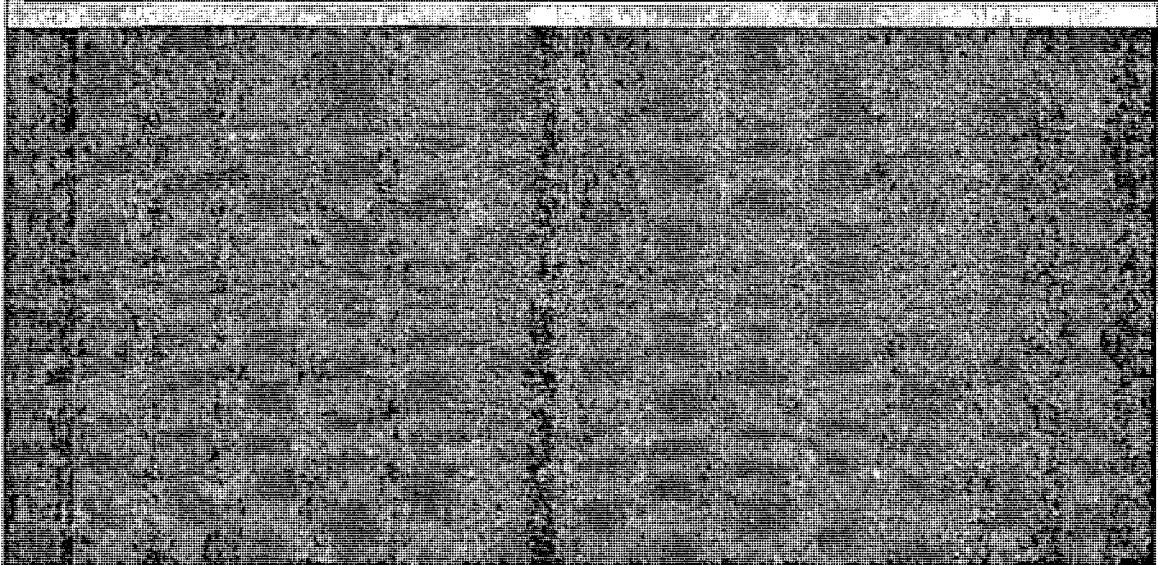
Write Compliance Based on this Inspection

☐ Drums ☐ Process ☐ AG Tanks ☐ AG Saddle Tks ☐ Labeling ☐ Tank/Sumps ☐ Perm ☐ US Lines ☐ WD Practice ☐ Class V ☐ Housekeeping ☐ Spill Rot ☐ Potential ENV ☐ Wtr V

Describe Remedial Action Required:

1. Need to Dispose of soil cuttings from monitor wells
2. Discharge Plan renewal has been submitted with \$fee.
3. Reviewed waste manifest-all in order no issues Special Note: housekeeping was excellent

Use [Shift] + [F2] to Expand any Notes or Comment Field



Record: 1 of 1 (Filtered)

Action required to correct violation:



Monitor well drill cuttings



New coating on chemical concrete pad

# OCD ENVIRONMENTAL BUREAU

## SITE INSPECTION SHEET

DATE: 3/22/05 Time: 1:56 pm

Type of Facility: Refinery ☐ Gas Plant ☐ Compressor St. ☐ Brine St. ☐ Oilfield Service Co. ☒  
Surface Waste Mgt. Facility ☐ E&P Site ☐ Crude Oil Pump Station ☐  
Other ☐ \_\_\_\_\_

Discharge Plan No ☐ Yes ☐ GW# 190

FACILITY NAME: BJ SER ARTESIA DISTRICT

PHYSICAL LOCATION: 2401 SIOLEY ARTESIA

Legal: QTR \_\_\_\_\_ QTR \_\_\_\_\_ Sec \_\_\_\_\_ TS \_\_\_\_\_ R \_\_\_\_\_ County EMERY CO.

OWNER/OPERATOR (NAME) \_\_\_\_\_

Contact Person: ROBERT PAYNE / PERRY BRITTON Tele:# 505-746-3140

MAILING ADDRESS: \_\_\_\_\_ State NM ZIP 88210

Owner/Operator Rep's: SAB

OCD INSPECTORS: PRICE, BRATEWER, VOLGONTIEN

1. **Drum Storage:** All drums containing materials other than fresh water must be stored on an impermeable pad with curbing. All empty drums will be stored on their sides with the bungs in and lined up on a horizontal plane. Chemicals in other containers such as sacks or buckets will also be stored on an impermeable pad and curb type containment.

2. **Process Areas:** All process and maintenance areas which show evidence that leaks and spills are reaching the ground surface must be either paved and curbed or have some type of spill collection device incorporated into the design.

NO ISSUES - VERY CLEAN

3. **Above Ground Tanks:** All above ground tanks which contain fluids other than fresh water must be bermed to contain a volume of one-third more than the total volume of the largest tank or of all interconnected tanks. All new tanks or existing tanks that undergo a major modification, as determined by the Division, must be placed within an impermeable bermed enclosure.

---

---

---

---

4. **Above Ground Saddle Tanks:** Above ground saddle tanks must have impermeable pad and curb type containment unless they contain fresh water or fluids that are gases at atmospheric temperature and pressure.

---

---

---

---

5. **Labeling:** All tanks, drums and containers will be clearly labeled to identify their contents and other emergency notification information.

---

---

6. **Below Grade Tanks/Sumps:** All below grade tanks, sumps, and pits must be approved by the OCD prior to installation or upon modification and must incorporate secondary containment and leak-detection into the design. All pre-existing sumps and below-grade tanks must demonstrate integrity on an annual basis. Integrity tests include pressure testing to 3 pounds per square inch above normal operating pressure and/or visual inspection of cleaned out tanks and/or sumps, or other OCD approved methods. The OCD will be notified at least 72 hours prior to all testing.

---

---

---

---

---

7. **Underground Process/Wastewater Lines:** All underground process/wastewater pipelines must be tested to demonstrate their mechanical integrity at present and then every 5 years thereafter, or prior to discharge plan renewal. The permittee may propose various methods for testing such as pressure testing to 3 pounds per square inch above normal operating pressure or other means acceptable to the OCD. The OCD will be notified at least 72 hours prior to all testing.

---

---

---

8. Onsite/Offsite Waste Disposal and Storage Practices: Are all wastes properly characterized and disposed of correctly?

Does the facility have an EPA hazardous waste number? ☒ Yes ☐ No

ARE ALL WASTE CHARACTERIZED AND DISPOSED OF PROPERLY? YES NO IF NO DETAIL  
BELOW.

— SQG # NM D000711515 —

— COPY of MANIFEST TO CRI — 6304 (3-10-05) + (138)  
COPY of ANALYSIS —

9. Class V Wells: Leach fields and other wastewater disposal systems at OCD regulated facilities which inject non-hazardous fluid into or above an underground source of drinking water are considered Class V injection wells under the EPA UIC program. All Class V wells that inject non-hazardous industrial wastes or a mixture of industrial wastes and domestic wastes will be closed unless it can be demonstrated that groundwater will not be impacted in the reasonably foreseeable future. Closure of Class V wells must be in accordance with a plan approved by the Division's Santa Fe Office. The OCD allows industry to submit closure plans which are protective of human health, the environment and groundwater as defined by the WQCC, and are cost effective. Class V wells that inject domestic waste only must be permitted by the New Mexico Environment Department.

ANY CLASS V WELLS NO ☒ YES ☐ IF YES DESCRIBE BELOW! Undetermined ☐

10. Housekeeping: All systems designed for spill collection/prevention will be inspected weekly and after each storm event to ensure proper operation and to prevent overtopping or system failure. A record of inspections will be retained on site for a period of five years.

— EXCELLANT —

11. Spill Reporting: All spills/releases will be reported pursuant to OCD Rule 116 and WQCC 1203 to the proper OCD District Office.



12. Does the facility have any other potential environmental concerns/issues?

5 MW'S GROUND CONTAMINATION MONITORING ON-GOING  
MW DRILL CUTTINGS NEED TO BE ADRESSED! TOOK PICTURE

13. Does the facility have any other environmental permits - i.e. SPCC, Stormwater Plan, etc.?

14. ANY WATER WELLS ON SITE? NO ☒ YES ☐ IF YES, HOW IS IT BEING USED?

CITY WATER

15. Documents reviewed:

DISCHARGE PLAN, STORMWATER, WASTE MANIFEST  
+ ANALYSIS - NO ISSUES

Miscellaneous Comments:

Photos taken: \_\_\_\_\_

Documents Reviewed/Collected: \_\_\_\_\_

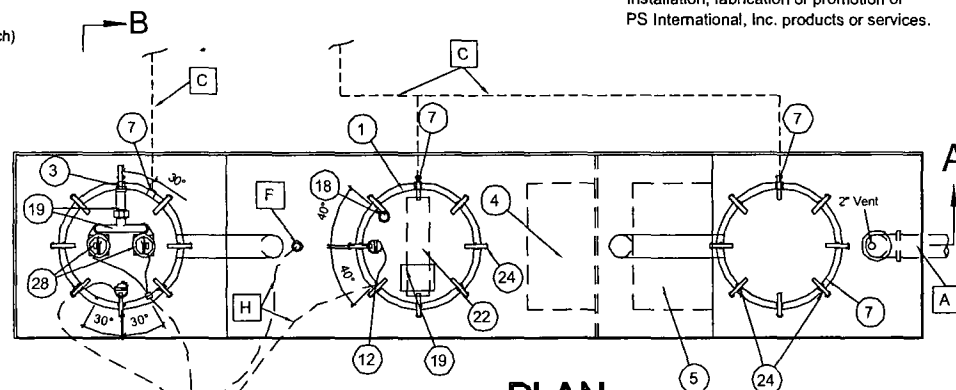
# SPECIFICATIONS

MODEL: PSC-1000-SC-LS-DW-J  
 Separator Volume: 1,000 Gallons  
 Oil Storage: Up to 250 Gallons  
 Sludge and Lift Station Comp.: 440 Gallons (Each)  
 Flow Rate: 0 to 100 gpm Gravity Flow  
 Performance: 10 ppm or  
 Less Free Oil in Effluent  
 Construction: 3/16" ASTM A36 Carbon Steel  
 Inner Vessel with UL-1746 Listed  
 Fiberglass Outer Vessel  
 Maximum Burial Depth: 15 Feet  
 Interior Coating: None  
 Exterior Coating: Fiberglass per UL-1746--Wich  
 Provides a 30 Year Warranty Without  
 Cathodic Protection  
 Separator Weight: ~5,100 lbs.

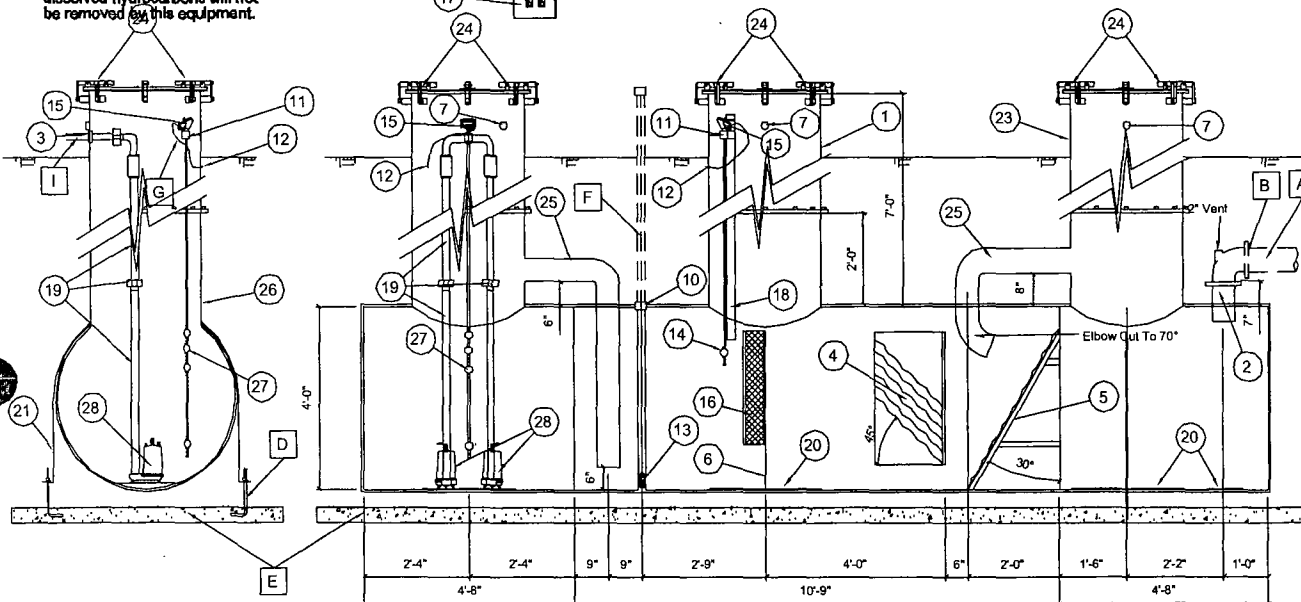
## NOTES

- Vents must be terminated per local codes and for safety requirements.
- Separator must be filled with potable water prior to being put into service.
- This separator is designed to remove free oils, emulsions and/or dissolved hydrocarbons will not be removed by this equipment.

This drawing contains confidential information and must only be used for the installation, fabrication or promotion of PS International, Inc. products or services.



**PLAN**  
 SCALE: 3/8" = 1'-0"



**SECTION B-B**  
 SCALE: 3/8" = 1'-0"

**SECTION A-A**  
 SCALE: 3/8" = 1'-0"

## PSI Furnished Equipment

- 30" I.D. Access Manway
- 6" 150 lb. Flat Faced Flanged Inlet
- 2" NPT Full Coupling Discharge from Pumps
- 10 Gauge Corrugated Parallel Plate Separator
- 10 Gauge Corrugated Plate Separator
- 12" High Sludge Baffle
- 2" NPT Vent Connection
- 7 Gauge Steel Closure Plates
- Two (2) Lifting Lugs (Not Shown)
- 2" Schedule 40 Interstitial Monitoring Pipe
- 2" Half-Coupling for Sensor Connection
- 1/2" Full Coupling for Sensor Conduit Connection
- PSI Model PSLP-1 Leak Detection Probe
- Single Level Stainless Steel Interface Sensor
- Nema 4/7 Junction Box Mounted on Level Sensor
- Polypropylene Media Final Polishing Coalescer
- NEMA 4X Control Panel A3P2
- 2" Threaded Oil Pump-Out Pipe with Camlock Fitting
- 2" Piping, Unions, and Check Valves
- Steel Striker Plate
- Two (2) Epoxy Coated Steel Hold Down Straps
- 3" NPT Half-Coupling with Plug for Gauging
- 30" I.D. Access Manway for Sludge Compartment
- Twenty Four (24) Heavy Duty Quick Release Latches
- 6" Cross-Over Piping
- 30" I.D. Access Manway for Lift Station
- Stainless Steel Four Level Sensor
- Two (2) Goulds Model WE0532HH Pumps with 1/2 hp, 230 Volt, 3 Phase Motors Each Rated @ 80 GPM @ 20' TDH


## Contractor Furnished Equipment

- 6" Piping with 150 LB. F.F. Flanged Connections
- 6" 90 Degree Elbow (or Tee) with 2" Vent Connection
- 2" Diameter Vent Piping
- Four (4) 3/4" Threaded Anchor Bolts
- Concrete Ballast Pad
- 2" Leak Detection Riser Pipe
- 1/2" Flexible Conduit For Level Probe
- Miscellaneous Wire and Conduit from Sensors, Leak Probes and Pumps to Panel
- 2" Discharge Piping from Pumps

If drawing meets with your approval sign and date below and return to PS International so we may commence fabrication.

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

NUMBER	DATE	REVISIONS:	BY
PSI Quote No.	Project:	BJ Services Artesia, NM	
1628-1004-A	Distributed By:	National Chemical Co., Inc. P.O. Box 78216 Shreveport, LA 71137-8216	
PSI Sales Order No.			
-			
Customer PO No.	<b>PS International, Inc</b> 5309 East Ryan Place Sioux Falls, S.D. 57110 Ph.#: (605) 332-1885 Fax#; (605) 332-1823		
-			
Drawn:	Date:	Checked By:	Drawing No.
SDB	11-10-04	BJS	PSC-1000-SC-LS-DW-J-01



**PS International, Inc.**  
 5308 East Ryan Place  
 Sioux Falls, S.D. 57110  
 Ph.#: (605) 332-1885  
 Fax#:(605) 332-1283

**Client:** BJ Services  
**Attn:** Perry Britton  
**Address:** 2401 Sivley  
 Artesia NM 88210  
  
**Phone:** (505) 746-3140 **FAX:** (505) 746-2293

**Report#/Lab ID#:** 125188 **Report Date:** 02/07/02  
**Project ID:**  
**Sample Name:** Washrack Water  
**Sample Matrix:** water  
**Date Received:** 01/30/2002 **Time:** 14:00  
**Date Sampled:** 01/28/2002 **Time:** 09:00

**REPORT OF ANALYSIS**
**QUALITY ASSURANCE DATA<sup>1</sup>**

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
A/BN Extraction-TC	---	---	---	---	02/05/02	3550	---	---	---	---	---
Ignitability	>201	°F	---	---	02/01/02	1010	---	0	-NA-	-NA-	-NA-
Metals Dig.-Hg/TCLP	---	---	---	---	02/05/02	7470&245.1	---	---	---	---	---
Metals Dig.-HNO3/TCLP	---	---	---	---	02/05/02	3005a	---	---	---	---	---
pH	7.1	pH units	---	---	01/31/02	150.1&9040	---	1.4	-NA-	-NA-	-NA-
TCLP extraction-ABN/metals	---	---	---	---	01/31/02	1311	---	---	---	---	---
TCLP extraction-ZHE	---	---	---	---	01/31/02	1311	---	---	---	---	---
TCLP-Arsenic/ICP	<0.5	mg/L	0.5	<0.5	02/05/02	6010 & 200.7	---	0.92	114.18	98.88	100.55
TCLP-Barium/ICP	<5	mg/L	5	<5	02/05/02	6010 & 200.7	---	0.36	111.5	100.2	97.23
TCLP-Cadmium/ICP	<0.1	mg/L	0.1	<0.1	02/05/02	6010 & 200.7	---	4.78	107.9	100.82	95.88
TCLP-Chromium/ICP	<0.5	mg/L	0.5	<0.5	02/05/02	6010 & 200.7	---	1.56	110.65	102	98.79
TCLP-Lead/ICP	<0.2	mg/L	0.2	<0.2	02/05/02	6010 & 200.7	---	1.74	113.91	101.36	101.3
TCLP-Mercury/CVAA	<0.04	mg/L	0.04	<0.04	02/06/02	245.2&7471	---	1.38	99.61	100	99.33
TCLP-Selenium/ICP	<0.1	mg/L	0.1	<0.1	02/05/02	6010 & 200.7	J	1.83	115.1	96.6	101.78
TCLP-Silver/ICP	<0.2	mg/L	0.2	<0.2	02/05/02	6010 & 200.7	---	1.29	107.89	101.72	99.2
Reactivity cyanide	<10	mg/Kg	10	<10	01/31/02	9010	---	0.14	99.55	103.3	105
Reactivity sulfide	<20	mg/Kg	20	<20	01/31/02	376.1&9030	---	6.25	75.14	100	-NA-
Extractable organics-TC	---	---	---	---	02/06/02	8270c	---	---	---	---	---
Volatiles organics-TC	---	---	---	---	02/06/02	8260b	---	---	---	---	---
TCLP-1,1-Dichloroethene	<500	µg/L	500	<500	02/06/02	8260b	---	2.2	99.7	102.6	97.9
TCLP-1,2-Dichloroethane	<200	µg/L	200	<200	02/06/02	8260b	---	2.2	118.3	114.3	100.2

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

*Richard Laster*

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than ("<") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B = Analyte detected in associated method blank(s). S1 =MS and/or MSD recovery exceed advisory limits. S2 =Post digestion spike (PDS) recovery exceeds advisory limit. S3 =MS and/or MSD and PDS recoveries exceed advisory limits. P =Precision higher than advisory limit. M =Matrix interference.

**Client:** BJ Services  
**Attn:** Perry Britton

**Project ID:**  
**Sample Name:** Washrack Water

**Report#/Lab ID#:** 125188  
**Sample Matrix:** water

**REPORT OF ANALYSIS-cont.**
**QUALITY ASSURANCE DATA<sup>1</sup>**

Parameter	Result	Units	RQL <sup>5</sup>	Blank	Date	Method <sup>6</sup>	Data Qual <sup>7</sup>	Prec. <sup>2</sup>	Recov. <sup>3</sup>	CCV <sup>4</sup>	LCS <sup>4</sup>
TCLP-1,4-Dichlorobenzene	<1000	µg/L	1000	<1000	02/06/02	8260b	---	2.7	109.8	107.5	106.6
TCLP-2-Butanone (MEK)	<5000	µg/L	5000	<5000	02/06/02	8260b	---	0.5	95.2	74.3	96
TCLP-Benzene	<200	µg/L	200	<200	02/06/02	8260b	---	4.2	107.4	101	92.6
TCLP-Carbon tetrachloride	<200	µg/L	200	<200	02/06/02	8260b	---	7.1	115.2	111.9	106.5
TCLP-Chlorobenzene	<50	µg/L	50	<50	02/06/02	8260b	---	3	111.2	109.2	107
TCLP-Chloroform	<1000	µg/L	1000	<1000	02/06/02	8260b	---	2.3	105.4	110.6	103.9
TCLP-Tetrachloroethene	<500	µg/L	500	<500	02/06/02	8260b	---	3.5	113.2	108.4	106.2
TCLP-P-Trichloroethene	<200	µg/L	200	<200	02/06/02	8260b	---	7	116.9	113.9	108.8
TCLP-Vinyl chloride	<100	µg/L	100	<100	02/06/02	8260b	---	2.1	97.9	110.2	95.3
TCLP-2,4,5-Trichlorophenol	<5000	µg/L	5000	<5000	02/06/02	8270c	---	15.1	69.4	108.5	117.8
TCLP-2,4,6-Trichlorophenol	<1000	µg/L	1000	<1000	02/06/02	8270c	---	15.7	74.5	117.4	126.3
TCLP-2,4-Dinitrotoluene	<100	µg/L	100	<100	02/06/02	8270c	---	23.9	73.4	113.8	140.4
TCLP-2-Methylphenol (o-Cresol)	<1000	µg/L	1000	<1000	02/06/02	8270c	---	13.7	61	113.9	111.8
TCLP-3&4-Methylphenol	<1000	µg/L	1000	<1000	02/06/02	8270c	---	12.8	62.6	116.4	110.3
TCLP-Hexachlorobenzene	<100	µg/L	100	<100	02/06/02	8270c	---	17.3	70	114.4	131.8
TCLP-Hexachlorobutadiene	<200	µg/L	200	<200	02/06/02	8270c	---	15	58.5	118.7	103.6
TCLP-Hexachloroethane	<1000	µg/L	1000	<1000	02/06/02	8270c	---	17.4	55.5	114.5	108.4
TCLP-Nitrobenzene	<1000	µg/L	1000	<1000	02/06/02	8270c	---	15.9	57.3	116.7	103.2
TCLP-Pentachlorophenol	<1000	µg/L	1000	<1000	02/06/02	8270c	---	18.2	77.4	105.2	138.3
TCLP-Pyridine	<1000	µg/L	1000	<1000	02/06/02	8270c	---	20.5	45.4	97	94.1

**Client:** BJ Services  
**Attn:** Perry Britton

**Project ID:**  
**Sample Name:** Washrack Water

**Report#/Lab ID#:** 125188  
**Sample Matrix:** water

**REPORT OF SURROGATE RECOVERY**

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
TCLP-1,2-Dichloroethane-d4	8260b	119	80-120	---
TCLP-4-Bromofluorobenzene	8260b	102	86-115	---
TCLP-Toluene-d8	8260b	101.1	88-110	---
TCLP-2,4,6-Tribromophenol	8270c	65.5	10-123	---
TCLP-2-Fluorobiphenyl	8270c	55.6	43-116	---
TCLP-2-Fluorophenol	8270c	50.8	21-100	---
TCLP-Nitrobenzene-d5	8270c	51.1	35-114	---
TCLP-Phenol-d5	8270c	65.6	10-94	---
TCLP-Terphenyl-d14	8270c	48.6	33-141	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Nov 24 04 08:59a

p.2

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-138  
Revised June 10, 2003

Submit Original  
Plus 1 Copy  
to Appropriate  
District Office

### REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt <input type="checkbox"/> Non-Exempt <input checked="" type="checkbox"/> Verbal Approval Received: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	4. Generator BJ Services
2. Management Facility Destination Controlled Recovery, Inc.	5. Originating Site Artesia Facility
3. Address of Facility Operator P.O. Box 388, Hobbs, NM 88241	6. Transporter CRI
7. Location of Material (Street Address or ULSTR) 2401 Sivley, Artesia, NM	8. State New Mexico
9. Circle One: A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned for transport.	

#### BRIEF DESCRIPTION OF MATERIAL:

RE: 11-24-04 (renewal of previous C-138 11-03-03)

Wash rack sludge generated from washing dirt and mud off of servicing equipment.

This material has been approved in the past.

I am enclosing a certificate of waste status, Analytical and Chain of Custody.

This approval is for one year.

Estimated Volume approx 360 bbls per monthly Known Volume (to be entered by the operator at the end of the haul) \_\_\_\_\_ cy

SIGNATURE Kim Flowers TITLE: Rep DATE: 11-24-04  
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Kim Flowers TELEPHONE NO. (505)393-1079

E-MAIL ADDRESS david@carihobbs.com



(This space for State Use)		
APPROVED BY: _____	TITLE: _____	DATE: _____
APPROVED BY: <u>Ed Martin</u>	TITLE: <u>ENVIRO. ENGR.</u>	DATE: <u>11/24/04</u>



## NON-HAZARDOUS WASTE MANIFEST

6304

PART I Generator  
Address \_\_\_\_\_  
City/State \_\_\_\_\_

Telephone No. \_\_\_\_\_

## ORIGIN OF WASTE

Operations Center

BT SERVICES

Permit No. \_\_\_\_\_

Property Name

Artesia Yard

(Well, Tank, Battery Plant, Facility)

## WASTE IDENTIFICATION AND AMOUNT (BARRELS, YARDS, TONS, CU-FT, LBS., UNITS, ETC.)

Drilling Fluids \_\_\_\_\_

Tank Bottoms \_\_\_\_\_

Exempt Fluids \_\_\_\_\_

Completion Fluids \_\_\_\_\_

Gas Plant Waste \_\_\_\_\_

CMT No. \_\_\_\_\_

Contaminated Soil \_\_\_\_\_

Other Material

1306 LBS

Pit No. \_\_\_\_\_

## DESCRIPTION/NOTES

water/sludge

## CERTIFICATION

The waste described above is not hazardous pursuant to 40 CFR Part 261 and was consigned to the transporter named below. I certify that the foregoing is true and correct to the best of my knowledge.

Richard Kwitko M

Signature of Generator's Authorized Agent

Date and time of Shipment \_\_\_\_\_

## PART II TRANSPORTER (To be completed in full by Transporter)

Name

CR-T

Address

P.O. Box 388

City/State

Hobbs NM 88241-0388

505-393-1079

Telephone No.

V-2

Truck No.

## CERTIFICATION

I certify that the waste in quantity above was received by me for shipment to the destination below.

K. Gorman

Signature of Transporter's Agent

3-10-05

Date and time of Receipt

## PART III DISPOSAL OR RECLAMATION SITE

Name

Controlled Recovery, Inc.

(505)393-1079

Address

P.O. Box 388

Telephone No.

City/State

Hobbs, N.M. 88241-0388

www.crihobbs.com

E-mail \_\_\_\_\_

## CERTIFICATION

I certify that the waste described in Part I was received by me via the transporter described in Part II.

Signature of Facility Agent

Date and time of Receipt

CERTIFICATE OF WASTE STATUS  
NON-EXEMPT WASTE MATERIAL  
"AS REQUIRED BY NEW MEXICO OIL CONSERVATION DIVISION"

COMPANY / GENERATOR BJ SERVICESADDRESS 2401 SIVLEY ARTESIA NM 88210GENERATING SITE ARTESIA YARDCOUNTY EDDY STATE NMTYPE OF WASTE WASH RACK SLUDGEESTIMATED VOLUME 360 BBLs/MONTHLYGENERATING PROCESS WASHING DIRT AND MUD OFFSERVICING EQUIPMENT

REMARKS \_\_\_\_\_

NMOCD FACILITY CONTROLLED RECOVERY, INC.TRUCKING COMPANY CONTROLLED RECOVERY, INC.

As a condition of acceptance for disposal, I hereby certify that this waste is a non-exempt waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. To my knowledge, this waste will be analyzed pursuant to the provisions of 40 CFR Part 261 to verify the nature as non-hazardous. I further certify that to my knowledge "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has not been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, Sections 2613.

AGENT \_\_\_\_\_

SIGNATURE

NAME \_\_\_\_\_

PRINTED

ADDRESS 2401 SIVLEYARTESIA, NM 88210DATE 11-19-04



ACKNOWLEDGEMENT OF RECEIPT  
OF CHECK/CASH

I hereby acknowledge receipt of check No.                      dated 1/20/05,  
or cash received on                      in the amount of \$ 1,800.00  
from BJ Services  
for Artesia Facility 6W-190  
(Facility Name) (DP No.)  
Submitted by: WJF Date: 2-21-04  
Submitted to ASD by:                      Date:                       
Received in ASD by:                      Date:                       
Filing Fee        New Facility        Renewal ✓  
Modification        Other                       
(separately)  
Organization Code 521.07 Applicable FY 2001  
To be deposited in the Water Quality Management Fund.  
Full Payment ✓ or Annual Increment       



**BJ SERVICES COMPANY**

BJ Services Company U.S.A.  
P.O. BOX 4442  
HOUSTON, TX 77210  
713/462-4239

The Chase Manhattan Bank, N.A.  
Syracuse, New York

VENDOR NO.  
157889

CHECK NO.  
                    

CHECK DATE

CHECK AMOUNT

01/20/05

\*\*\*\*\*1,800.00

PAY ONE THOUSAND EIGHT HUNDRED AND 00/100 \*\*\*\*\*

NEW MEXICO ENVIRONMENTAL DEPT  
WATER QUALITY MANAGEMENT FUND  
1220 SOUTH ST FRANCIS DR  
SANTA FE NM 87505

*WJF*

VOID AFTER 90 DAYS  
AS AN AUTHORIZED SIGNER OF BJ SERVICES COMPANY, U.S.A.



January 24, 2005

CERTIFIED MAIL NO. 7004 0750 0000 4035 2827  
RETURN RECEIPT REQUESTED

Mr. Wayne Price  
New Mexico Oil Conservation Division  
Environmental Bureau  
1220 South St. Francis Drive  
Santa Fe, NM 87505

RE: GW-190 Discharge Plan Renewal, BJ Services Company, USA 2401 Sivley  
Artesia, NM.

Dear Sir or Madam:

BJ Services Company, U.S.A. (BJ Services) has enclosed its Discharge Plan Renewal application for the above referenced facility. Public Notices have been sent to neighboring facilities and posted.

If you have any questions or concerns, please contact me at (281) 357-2573.

Sincerely,

A handwritten signature in black ink, appearing to read 'Jason Goodwin'. The signature is fluid and cursive, with a large initial 'J' and 'G'.

Jason Goodwin P.G.  
HSE Specialist

Cc: Jo Ann Cobb – Tomball  
Robert Payne – Artesia  
NMOCD District Office – Artesia  
File – Tomball



## NOTICE OF PUBLICATION

### STATE OF NEW MEXICO ENERGY, MINERALS, AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations, the following discharge permit application(s) has been submitted to the Director of the Oil Conservation Division, 1220 S. Saint Francis Drive, Santa Fe, New Mexico 87505, Telephone (505) 476-3440:

**(GW-190) - BJ Services Company, USA, Jo Ann Cobb, (281) 351-8131, 11211 FM 2920, Tomball, Texas 77375 has submitted a renewal application for its previously approved discharge plan for the Artesia Facility 2401 Sivley Road, located in Section 32 Township 16 South Range 26 East, NMPM, Eddy County, New Mexico. The discharge plan consists of a waste management plan.**

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge permit application and draft discharge permit may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday. The draft discharge permit may also be viewed at the OCD's web site <http://www.emnrd.state.nm.us/ocd/>. Prior to ruling on any proposed discharge permit or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted and a public hearing may be requested by any interested person. Requests for public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is significant public interest.

If no public hearing is held, the Director will approve or disapprove the proposed permit based on information available. If a public hearing is held, the director will approve or disapprove the proposed permit based on information in the permit and information submitted at the hearing.

**DATED:** January 18, 2005

## Price, Wayne

---

**From:** Price, Wayne  
**Sent:** Tuesday, December 04, 2001 12:05 PM  
**To:** 'Jason\_Goodwin@bjservices.com'  
**Cc:** Anderson, Roger; Stubblefield, Mike  
**Subject:** RE: Artesia Modification

Dear Mr. Goodwin:

The OCD hereby approves of the minor modification to the BJ Artesia Discharge Plan. Please note this approval is contingent upon BJ Services abiding by the current Discharge Plan Approval Conditions.

Please be advised that NMOCD approval of this modification does not relieve BJ Services of responsibility should their activities pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD approval does not relieve BJ Services of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Wayne Price- Engineer  
OCD Environmental Bureau

-----Original Message-----

From: Jason\_Goodwin@bjservices.com [mailto:Jason\_Goodwin@bjservices.com]  
Sent: Tuesday, November 06, 2001 12:13 PM  
To: WPRICE@state.nm.us  
Cc: JCobb@bjservices.com  
Subject: Artesia Modification

Wayne,

BJ Services - Artesia District currently has plans to build a new Gel Plant. This gel plant will include the installation of three Aboveground Storage Tanks (AST) used to support the XLFC blending area. One of the AST's will be a 8,000 gallon carbon steel diesel tank. The other two will be 2500 gallon carbon steel tanks used as mix modules for blending gel and diesel together to produce XLFC. All three tanks will be surrounded by a 15' x 40' x 3' - 8" thick concrete walls and 10" floor slab thickness all poured monolithic to contain the 24 hour storm and 110% of the largest tank. A 40' x 40' metal building will be built for dry storage along with a 15' x 16' dry slab to the outside. The building will have a 4" curb around the perimeter as well. Attached are maps referencing the location and plans for the construction of this gel plant. The SPCC planned is also under review and modification.

Please review this information and don't hesitate to call me with any questions regarding this matter.

Thankyou for your help,

Jason Goodwin  
HSE Specialist - BJ Services  
Phone 281-357-2573  
Fax 281-357-2585

(See attached file: Artesia1.jpg) (See attached file: Artesia2.jpg) (See

attached file: Artesia Gel Plant.jpg)

**Tracking:**

**Recipient**

'Jason\_Goodwin@bjservices.com'

Anderson, Roger

Stubblefield, Mike

**Delivery**

Delivered: 12/4/01 12:05 PM

Delivered: 12/4/01 12:05 PM

## Price, Wayne

---

**From:** Jason\_Goodwin@bjsservices.com  
**Sent:** Tuesday, November 06, 2001 12:13 PM  
**To:** WPRICE@state.nm.us  
**Cc:** JCobb@bjsservices.com  
**Subject:** Artesia Modification



Artesia1.jpg



Artesia2.jpg



Artesia Gel Plant.jpg

Wayne,

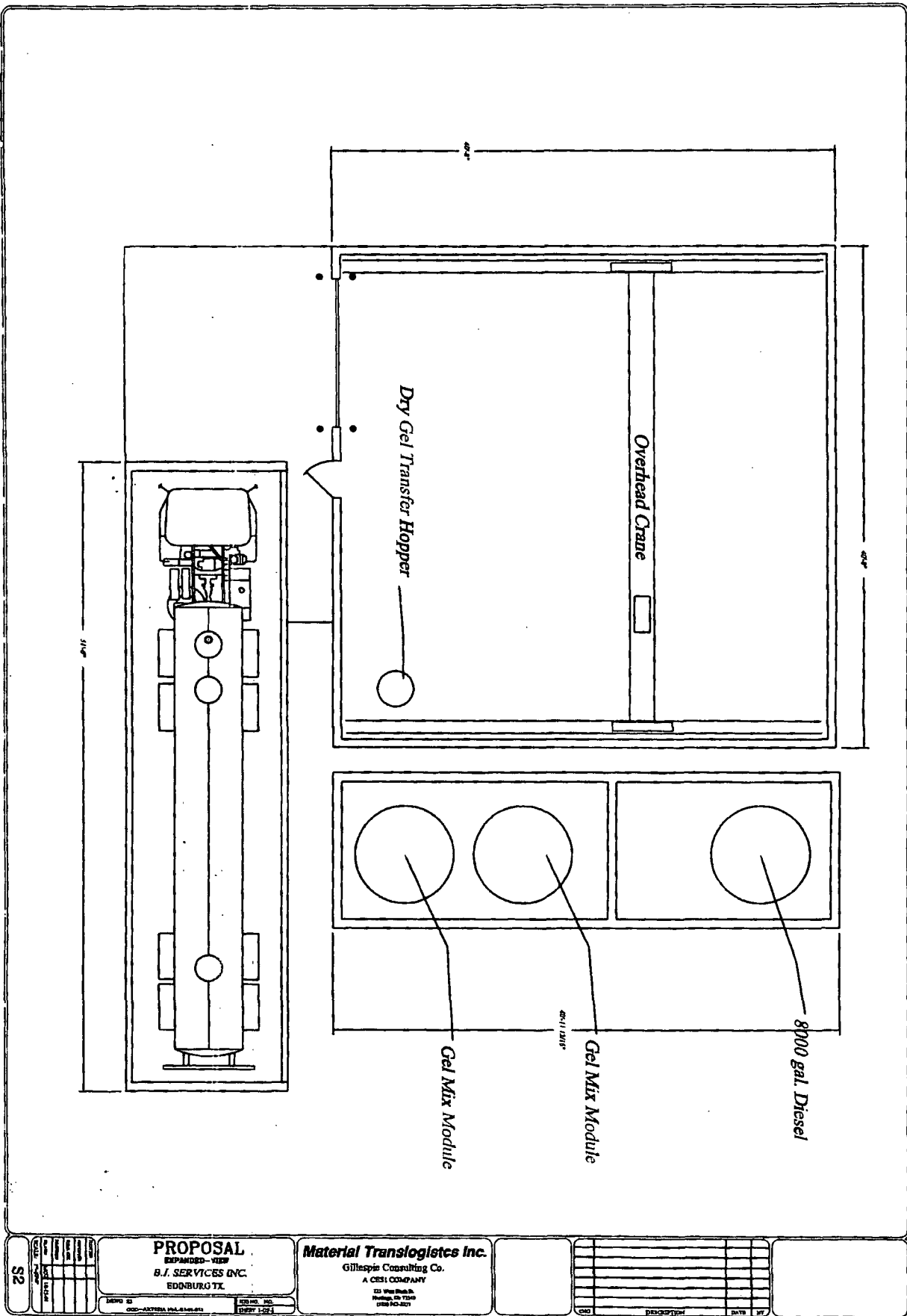
BJ Services - Artesia District currently has plans to build a new Gel Plant. This gel plant will include the installation of three Aboveground Storage Tanks (AST) used to support the XLFC blending area. One of the AST's will be a 8,000 gallon carbon steel diesel tank. The other two will be 2500 gallon carbon steel tanks used as mix modules for blending gel and diesel together to produce XLFC. All three tanks will be surrounded by a 15' x 40' x 3' - 8" thick concrete walls and 10" floor slab thickness all poured monolithic to contain the 24 hour storm and 110% of the largest tank. A 40' x 40' metal building will be built for dry storage along with a 15' x 16' dry slab to the outside. The building will have a 4" curb around the perimeter as well. Attached are maps referencing the location and plans for the construction of this gel plant. The SPCC planned is also under review and modification.

Please review this information and don't hesitate to call me with any questions regarding this matter.

Thankyou for your help,

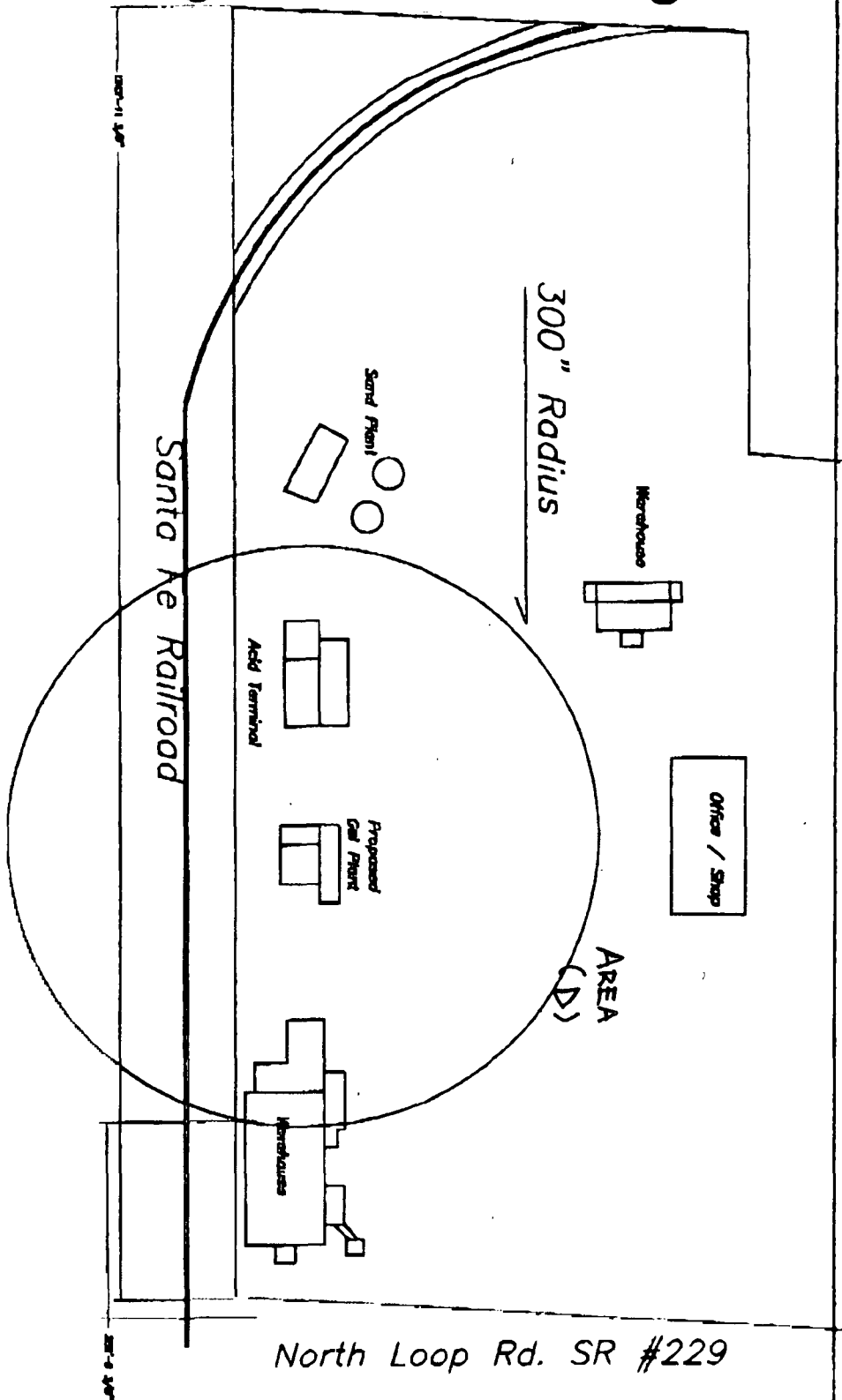
Jason Goodwin  
HSE Specialist - BJ Services  
Phone 281-357-2573  
Fax 281-357-2585

(See attached file: Artesia1.jpg) (See attached file: Artesia2.jpg) (See attached file: Artesia Gel Plant.jpg)





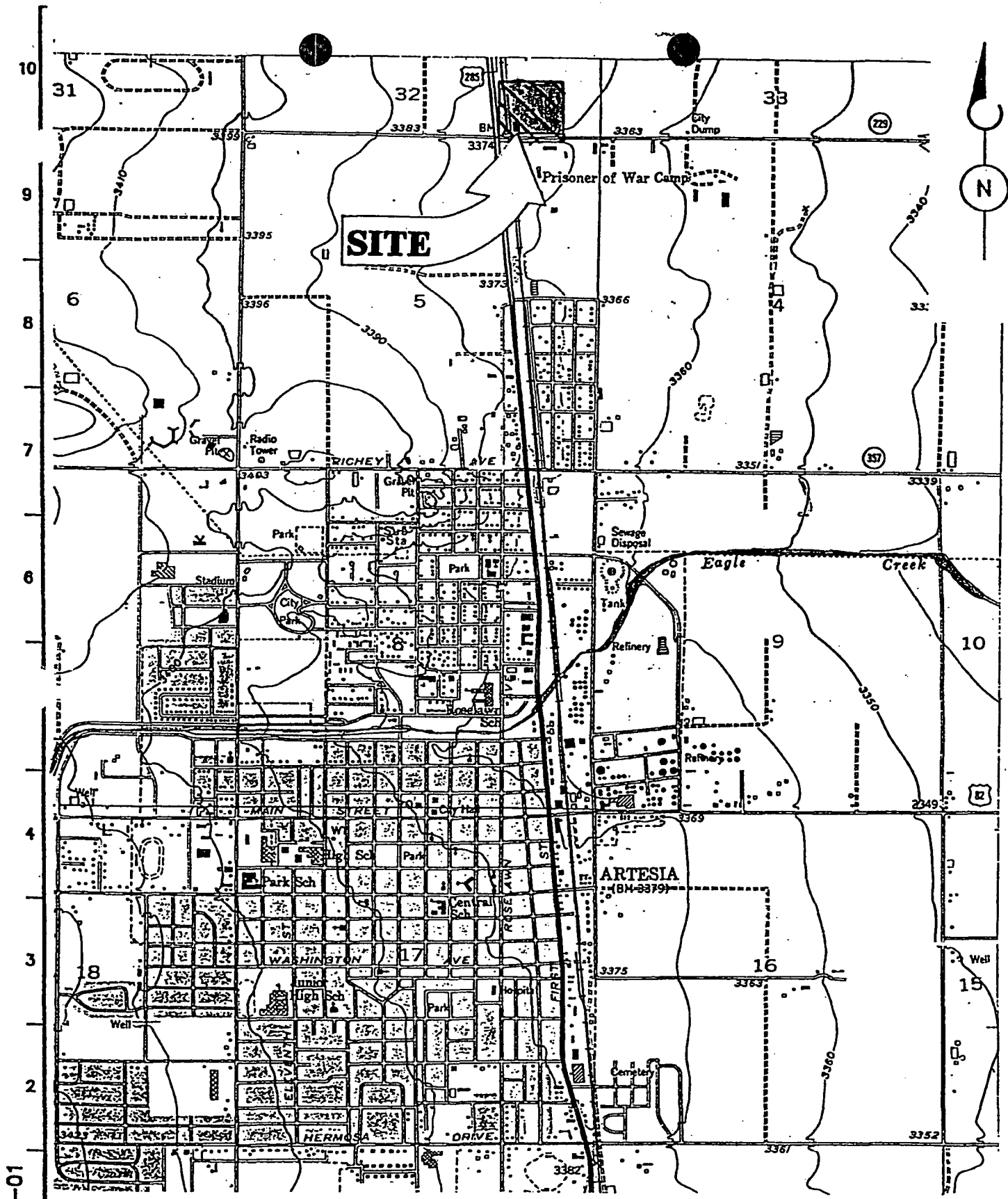
State Highway 285





Material Translogistics Inc.

PROPOSED-SITE  
NEW-DISTRICT  
B-J-SERVICES  
ARTESIA, CALIF.

51
----



E:\7440\74-01-01

 <b>Brown and Caldwell</b> Consultants DALLAS-HOUSTON, TEXAS				0 1000 2000  SCALE: 1" = 2000'				VICINITY MAP				DATE 03/02/93
				DRAWN BY: JON DATE 2/18 CHKD BY: JAC DATE 2/18				CLIENT WESTERN COMPANY OF NORTH AMERICA				PROJECT NUMBER 7440-01
				APPROVED: LMT DATE				SITE LOCATION ARTESIA, NEW MEXICO				FIGURE NUMBER 1-1
REV.	DESCRIPTION	BY	DATE									
A		B		C	D	E	F	G	H	I	J	



August 10, 2000

RECEIVED  
AUG 16 2000

Mr. Wayne Price  
State of New Mexico  
Energy, Minerals and Natural Resources Department  
Oil Conservation Division  
2040 South Pacheco Street  
State Land Office Building  
Santa Fe, NM 87505

Re: BJ Services Company; Artesia, NM Facility; Discharge Plan GW-190; Status of Discharge Plan Approval Conditions

Mr. Price,

As per the conditions of Discharge Plan GW-190, the following items have been completed.

1. All below grade tanks/sumps have been cleaned and inspected. No holes, cracks or damage was noted. These below grade sumps included the shop, acid dock and washrack. Pictures were taken during inspection and are attached.
2. A drum storage pad with curbing was constructed for storage of our chemicals. Picture attached.

Thank you for working with us on this project. Should you have any questions, please call at (505) 746-3140.

Sincerely,

Mike Wiggins  
District Manager  
BJ Services Company, USA  
Artesia, NM

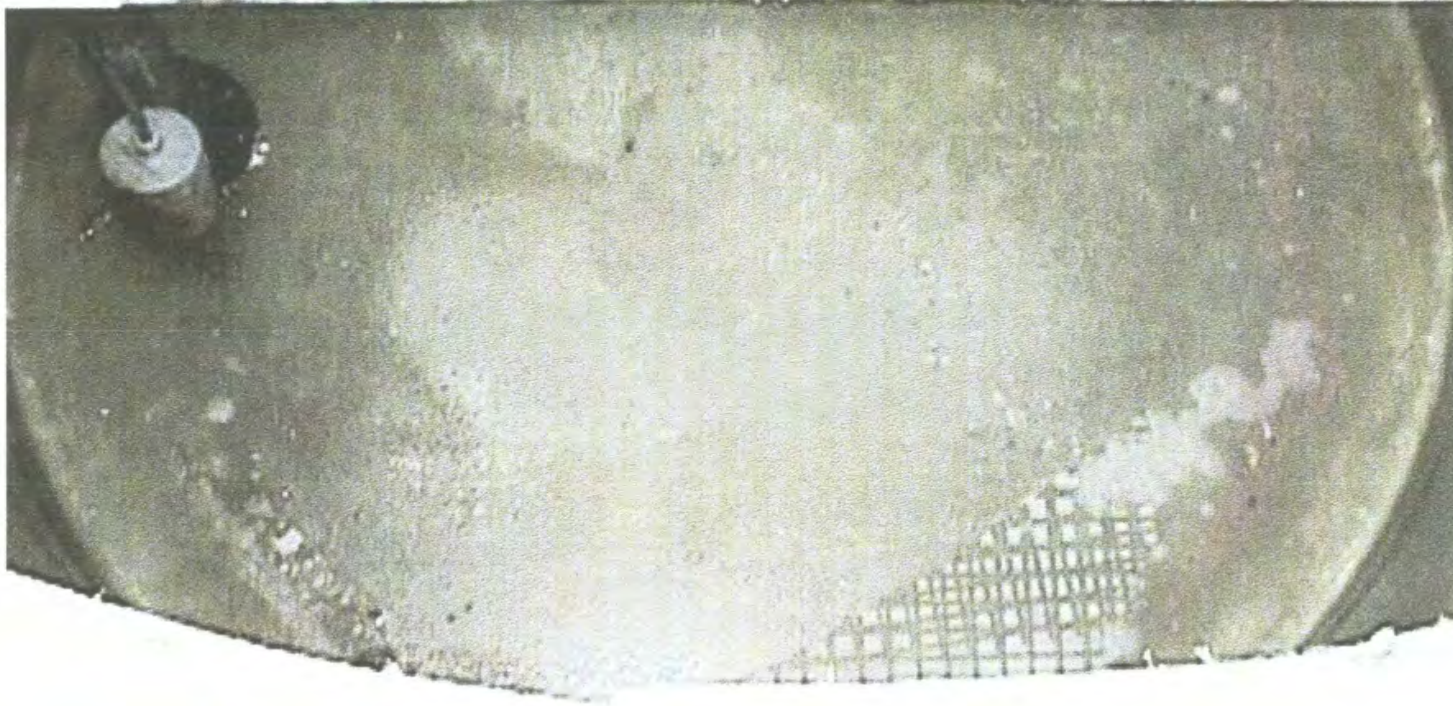
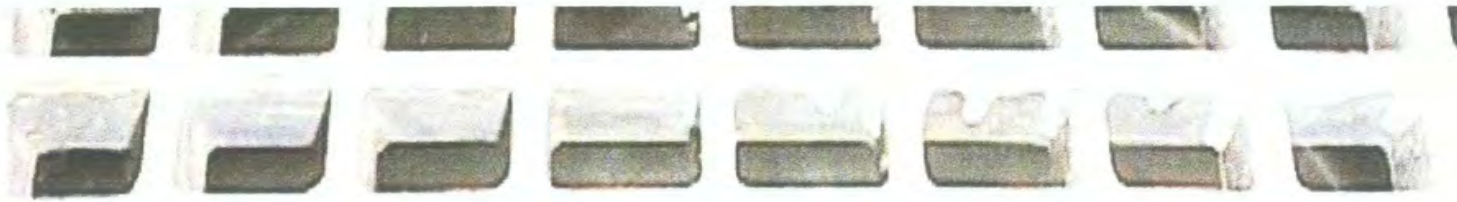


Drum Storage





Acid Dock



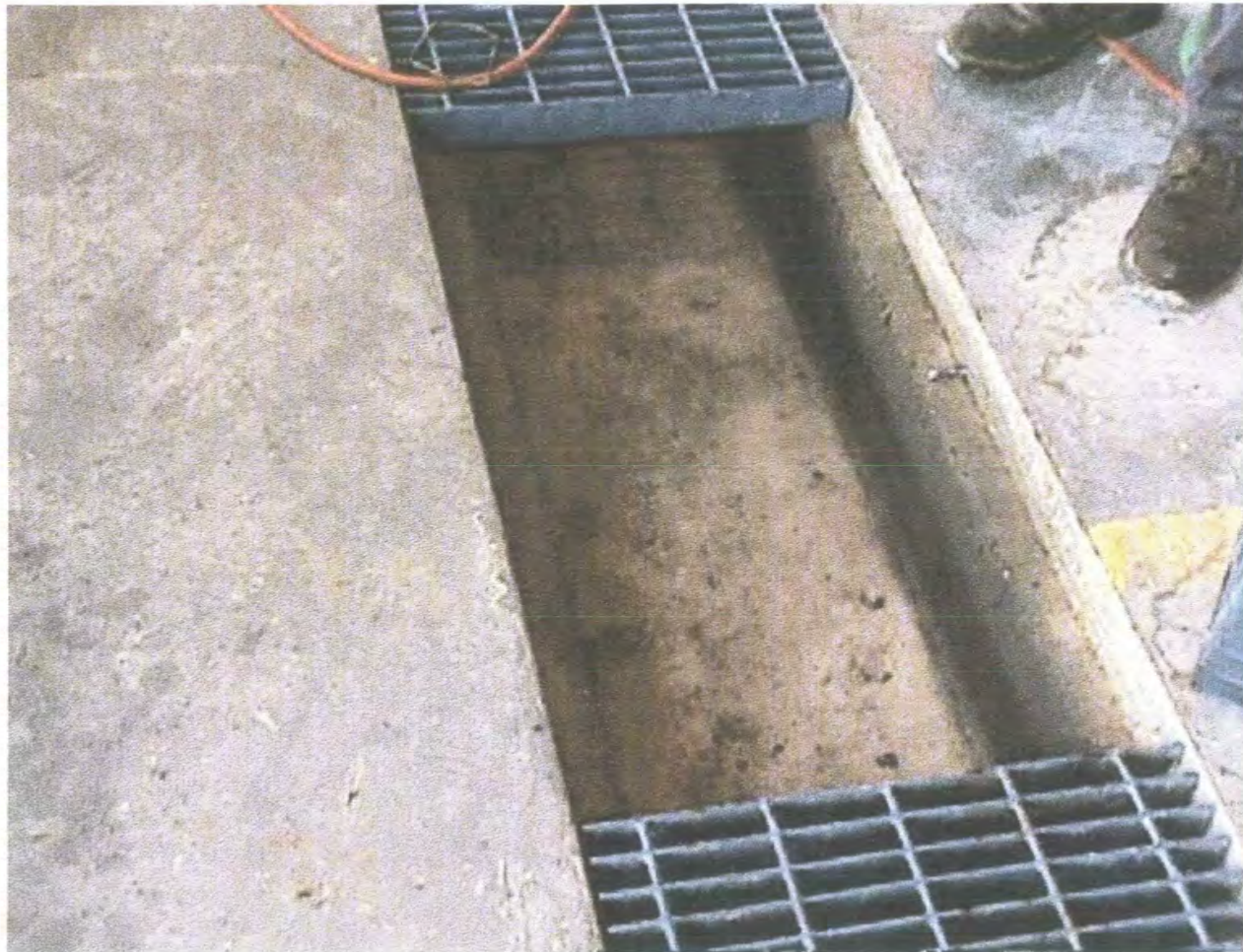


Acid Dock

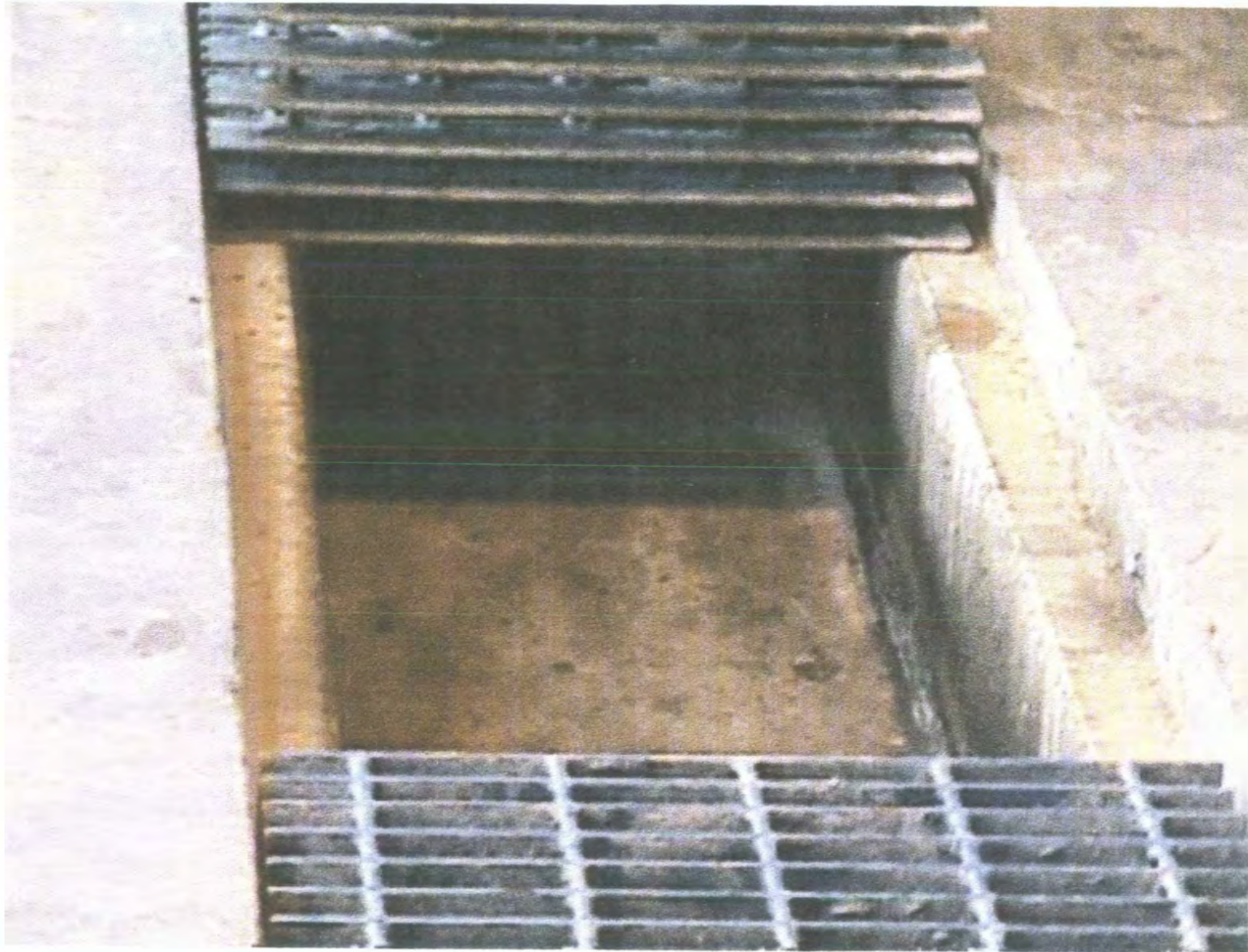




Shop

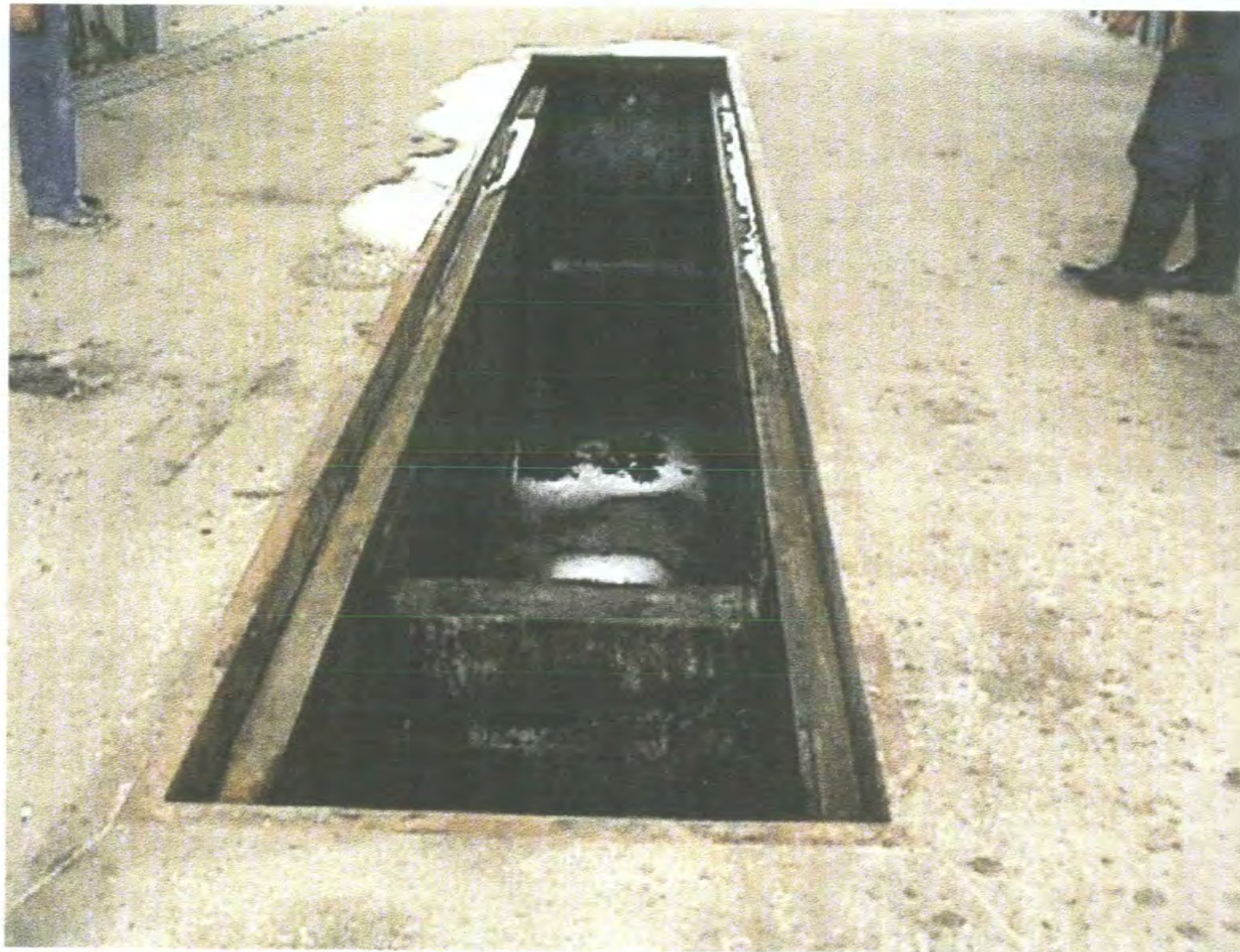


Shop





Wash Rack





Wash Rack





# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON

Governor

Jennifer A. Salisbury

Cabinet Secretary

Lori Wrotenberg

Director

Oil Conservation Division

July 13, 2000

**CERTIFIED MAIL**

**RETURN RECEIPT NO. 5051 5277**

Mr. Rick N. Johnson  
BJ Services Company  
11211 FM 2920  
Tomball, Texas 77375

Re: BJ Artesia Facility GW-190  
Former Fuel Island

Dear Mr. Johnson:

The New Mexico Oil Conservation Division (OCD) is in receipt of the Brown and Caldwell's annual Groundwater and Sampling report dated April 11, 2000 and the letter submitted on June 24, 1999. The last groundwater report recommends closure due to the fact that all of the monitor well results are below the WQCC groundwater standards. The June 24, 1999 letter indicates there still is a minimal presence of PSH.

Please note the WQCC regulations 3103 indicates that "Non-aqueous phase liquid shall not be present floating atop of or immersed within ground water, as can be reasonably measured."

Therefore BJ Services Company shall submit an action plan for OCD approval to address this issue by August 31, 2000.

If you have any questions please do not hesitate to contact me at 505-827-7155.

Sincerely:

A handwritten signature in cursive script, appearing to read "Wayne Price".

Wayne Price-Pet. Engr. Spec.

cc: OCD Artesia Office



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**GARY E. JOHNSON**  
Governor  
**Jennifer A. Salisbury**  
Cabinet Secretary

**Lori Wrotenbery**  
Director  
Oil Conservation Division

July 13, 2000

**CERTIFIED MAIL**  
**RETURN RECEIPT NO. 5051 5277**

Mr. Rick N. Johnson  
BJ Services Company  
11211 FM 2920  
Tomball, Texas 77375

Re: BJ Artesia Facility GW-190  
Acid Dock Area

Dear Mr. Johnson:

The New Mexico Oil Conservation Division (OCD) is in receipt of the Brown and Caldwell's Groundwater and Sampling report dated July 02, 1999 requesting closure of the site. The OCD cannot grant closure at this time because the sample results from monitor well number MW-3R reflect there are groundwater constituents that exceed the WQCC groundwater standards.

The report reflects that total Polynuclear Aromatic Hydrocarbons (PHA's), Chlorides and Sulfates exceeds the WQCC groundwater standards in MW-3R which is down gradient of the Acid dock.

BJ Services Company shall submit an action plan for OCD approval to address this issue by August 31, 2000.

If you have any questions please do not hesitate to contact me at 505-827-7155.

Sincerely:

Wayne Price-Pet. Engr. Spec.

cc: OCD Artesia Office

ACKNOWLEDGEMENT OF RECEIPT  
OF CHECK/CASH

I hereby acknowledge receipt of check No.                      dated 5-16-00  
or cash received on                      in the amount of \$ 690<sup>00</sup>  
from BJ SERVICES COMPANY USA  
for ARTESIA YARD GW-170  
Submitted by: WAYNE PRICE (Filing Name) Date: 5/22/00 (DP No.)  
Submitted to ASD by: Wayne Price Date: "  
Received in ASD by:                      Date:                     

Filing Fee            New Facility            Renewal ✓  
Modification            Other                     

Organization Code 521.07 Applicable FY 2000

To be deposited in the Water Quality Management Fund.

Full Payment ✓ or Annual Increment           

B. J. SERVICES COMPANY USA 2/97		95-43/1122
ARTESIA PETTY CASH		13697210
2401 SIVLEY		DATE <u>5-16-00</u>
ARTESIA, NM 88210		
PAY TO THE ORDER OF	Water Management Quality Management Fund	\$ <u>690<sup>00</sup></u>
	C/O OCD	
Six hundred ninety dollars — 00/100 — DOLLARS		
<b>ST NATIONAL BANK</b>		
303 W. MAIN ST. P.O. BOX AA 806-748-0000		
ARTESIA, NEW MEXICO 88211-7026		
ARTESIA • HOBBS • LAS CRUCES • ROSWELL		
MEMO	Discharge Plan	MP

# The Santa Fe New Mexican

Since 1849. We Read You.

MAR - 9 2000

NM OIL CONSERVATION DIVISION  
ATTN: DONNA DOMINGUEZ  
2040 S. PACHECO ST.  
SANTA FE, NM 87505

AD NUMBER: 136592 ACCOUNT: 56689  
LEGAL NO: 67004 P.O.#: 00199000278  
179 LINES 1 time(s) at \$ 78.91  
AFFIDAVITS: 5.25  
TAX: 5.26  
TOTAL: 89.42

OIL CONSERVATION DIVISION

## NOTICE OF PUBLICATION

### STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations, the following discharge plan application has been submitted to the Director of the Oil Conservation Division, 2040 South Pachecho, Santa Fe, New Mexico 87505. Telephone (505) 827-7131:

(GW-190) - BJ Services Company, Jo Ann Cobb, Manager of Environmental Services, 11211 FM 2920, Tomball, Texas, 77375, has submitted a renewal application for the previously approved discharge plan for the Artesia, New Mexico service yard located in the SE/4, SE/4 of Section 32, Township 16 South, Range 26 East, NMPM, Eddy County, New Mexico. Site generated waste will be disposed of off-site at an approved OCD facility. Groundwater most likely to be affected in the event of an accidental discharge is at a depth of approximately 15 feet with a total dissolved solids content ranging from 22mg/l to 180 mg/l. The renewal application consist of methods and procedures for handling products, waste, waste water management, and site groundwater investigation/remediation plans.

Any interested person may obtain further information

from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan application may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and a public hearing may be requested by any interested person. Requests for a public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is significant public interest.

If no public hearing is held, the Director will approve or disapprove the proposed plan based on information available. If a public hearing is held, the director will approve or disapprove the proposed plan based on information in the plan and information submitted at the hearing.

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this Third (3rd) day of March, 2000.

STATE OF NEW MEXICO  
OIL CONSERVATION  
DIVISION  
LORI WROTENBERY,  
Director

Legal #67004  
Pub. March 8, 2000

## AFFIDAVIT OF PUBLICATION

STATE OF NEW MEXICO  
COUNTY OF SANTA FE

I, B. Peiner being first duly sworn declare and say that I am Legal Advertising Representative of THE SANTA FE NEW MEXICAN, a daily newspaper published in the English language, and having a general circulation in the Counties of Santa Fe and Los Alamos, State of New Mexico and being a Newspaper duly qualified to publish legal notices and advertisements under the provisions of Chapter 167 on Session Laws of 1937; that the publication #67004 a copy of which is hereto attached was published in said newspaper 1 day(s) between 03/08/2000 and 03/08/2000 and that the notice was published in the newspaper proper and not in any supplement; the first publication being on the 8 day of March, 2000 and that the undersigned has personal knowledge of the matter and things set forth in this affidavit.

/s/

D. Peiner  
LEGAL ADVERTISEMENT REPRESENTATIVE

Subscribed and sworn to before me on this  
8 day of March A.D., 2000

Notary

Commission Expires

11/16/2003

*OK Wayne  
3/24/00*

# OCD ENVIRONMENTAL BUREAU

## SITE INSPECTION SHEET

DATE: 3/08/00 Time: 2:30 PM

Type of Facility: Refinery ☐ Gas Plant ☐ Compressor St. ☐ Brine St. ☐ OilField Service Co. ☒  
Surface Waste Mgt. Facility ☐ E&P Site ☐ Crude Oil Pump Station ☐  
Other ☐ \_\_\_\_\_

Discharge Plan: No ☐ Yes ☒ DP# GW-190

FACILITY NAME: ARTESIA DISTRICT

PHYSICAL LOCATION:

Legal: QRT SE QRT 9E Sec 32 TS 65 R 26E County EDDY CO.

OWNER/OPERATOR (NAME) BJ SERVICES CO. USA

Contact Person: MIKE WIGGINS Tele:# 505-746-3140

MAILING

ADDRESS: 2401 SIVLEY ARTESIA State NM ZIP 88210

Owner/Operator Rep's: SAB, & RICK JOHNSON

OCD INSPECTORS: W PRICE, ED MARTIN, MIKE STUBBLEFIELD

1. **Drum Storage:** All drums containing materials other than fresh water must be stored on an impermeable pad with curbing. All empty drums will be stored on their sides with the bungs in and lined up on a horizontal plane. Chemicals in other containers such as sacks or buckets will also be stored on an impermeable pad and curb type containment.

CHEMICAL DRUM STORAGE AREA - NO CURB

2. **Process Areas:** All process and maintenance areas which show evidence that leaks and spills are reaching the ground surface must be either paved and curbed or have some type of spill collection device incorporated into the design.

OK

3. **Above Ground Tanks:** All above ground tanks which contain fluids other than fresh water must be bermed to contain a volume of one-third more than the total volume of the largest tank or of all interconnected tanks. All new tanks or existing tanks that undergo a major modification, as determined by the Division, must be placed within an impermeable bermed enclosure.

OK

4. **Above Ground Saddle Tanks:** Above ground saddle tanks must have impermeable pad and curb type containment unless they contain fresh water or fluids that are gases at atmospheric temperature and pressure.

OK

5. **Labeling:** All tanks, drums and containers will be clearly labeled to identify their contents and other emergency notification information.

OK

6. **Below Grade Tanks/Sumps:** All below grade tanks, sumps, and pits must be approved by the OCD prior to installation or upon modification and must incorporate secondary containment and leak-detection into the design. All pre-existing sumps and below-grade tanks must demonstrate integrity on an annual basis. Integrity tests include pressure testing to 3 pounds per square inch above normal operating pressure and/or visual inspection of cleaned out tanks and/or sumps, or other OCD approved methods. The OCD will be notified at least 72 hours prior to all testing.

OK

7. **Underground Process/Wastewater Lines:** All underground process/wastewater pipelines must be tested to demonstrate their mechanical integrity at present and then every 5 years thereafter, or prior to discharge plan renewal. The permittee may propose various methods for testing such as pressure testing to 3 pounds per square inch above normal operating pressure or other means acceptable to the OCD. The OCD will be notified at least 72 hours prior to all testing.

OK

8. **Onsite/Offsite Waste Disposal and Storage Practices:** Are all wastes properly characterized and disposed of correctly? Does the facility have an EPA hazardous waste number? ☒ Yes ☐ No

ARE ALL WASTE CHARACTERIZED AND DISPOSED OF PROPERLY? YES ☐ NO ☐ IF NO DETAIL BELOW.

WASH RACK SAND GRIT - TESTED FOR RCRA - DISPOSED OF  
OFF SITE AT CRI.

RECORD CHECK - OK



9. **Class V Wells:** Leach fields and other wastewater disposal systems at OCD regulated facilities which inject non-hazardous fluid into or above an underground source of drinking water are considered Class V injection wells under the EPA UIC program. All Class V wells that inject non-hazardous industrial wastes or a mixture of industrial wastes and domestic wastes will be closed unless it can be demonstrated that groundwater will not be impacted in the reasonably foreseeable future. Closure of Class V wells must be in accordance with a plan approved by the Division's Santa Fe Office. The OCD allows industry to submit closure plans which are protective of human health, the environment and groundwater as defined by the WQCC, and are cost effective. Class V wells that inject domestic waste only must be permitted by the New Mexico Environment Department.

ANY CLASS V WELLS NO ☐ YES ☒ IF YES DESCRIBE BELOW! Undetermined ☐

SANITARY & SHOP DRAIN RINSE DRAIN FIELD

10. **Housekeeping:** All systems designed for spill collection/prevention will be inspected weekly and after each storm event to ensure proper operation and to prevent overtopping or system failure. A record of inspections will be retained on site for a period of five years.

EXCELLANT

11. **Spill Reporting:** All spills/releases will be reported pursuant to OCD Rule 116 and WQCC 1203 to the proper OCD District Office.

OK

12. **Does the facility have any other potential environmental concerns/issues?**

ON GOING GROUNDWATER REMEDIATION - APPROACHING CLOSURE

13. **Does the facility have any other environmental permits - i.e. SPCC, Stormwater Plan, etc.?**

SPCC - YES NO - STORM WATER SIC 1389 - EXEMPT

14. **ANY WATER WELLS ON SITE?** NO ☒ YES ☐ IF YES, HOW IS IT BEING USED?

Miscellaneous Comments:

Number of Photos taken at this site: \_\_\_\_\_  
attachments-

**BJ Services-Artesia Yard GW- 190**  
**March 8, 2000 Pictures By**  
**Wayne Price**



Looking west at main entrance.



Frac Gel system



Old fuel island-looking east.



Old acid dock area- west side of yard looking NE.



Chemical Drum storage area.



Class V Leech field



March 10, 2000

CERTIFIED MAIL NO. P 414 630 947  
RETURN RECEIPT REQUESTED

RECEIVED  
MAR 14 2000  
Environmental Bureau  
Oil Conservation Division

Mr. Wayne Price  
State of New Mexico  
Energy, Minerals, and Natural Resources Department  
Oil Conservation Division  
2040 South Pacheco  
Santa Fe, NM 87505

RE: Revision to Discharge Plan Renewal Application; GW-190  
BJ Services Company, USA Artesia, New Mexico Facility

Dear Mr. Price:

As we discussed during your visit to our Artesia facility, a slight revision was needed in the discharge plan renewal application. Please replace Page 2 of the supporting documentation with the attached sheet and discard the previously submitted Page 2.

If you have any questions, or need additional information regarding these activities, feel free to contact me at (281) 357-2573.

Sincerely,

Rick N. Johnson, REM  
Environmental Specialist

enclosure

c: Mike Wiggins, BJ Services Company, USA (w/ 1 copy of enclosure)  
NMOCD Artesia Office; 811 South First Street; Artesia, NM 88210 (1 copy of enclosure)

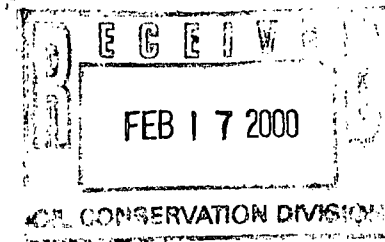
- Domestic Trash – Trash generated by normal operations from the office and site buildings is placed into dumpsters and picked up by trash trucks. The contents are taken to the city landfill.
- Domestic Wastewater – The wastewater generated from sinks, showers, and restrooms is treated by an on-site septic system and discharge to a drain field.
- Acidic Wastewater – Dilute unused acid mixtures from the well site are contained in the service vehicles. When another job is called in, the job is “loaded on top” of the previous acid mixture. If the acid must be removed from the service vehicle, it is placed into an “Acid Reclaim Tank” and is used in loading the next acid job.
- Used Motor Oil – Used motor oil is placed into an aboveground storage tank and is removed by E&E Enterprises for recycling on an as needed basis.
- Spent Solvent – Solvent used for washing truck and equipment parts is re-circulated in the parts washing system. The drum of used solvent is removed and replaced on an as needed basis by Safety Kleen Corporation. BJ Services uses the non-hazardous solvent to avoid disposing of a hazardous waste.
- Used Tires – Worn tires are replaced and removed on an as needed basis by Forest Tire in Carlsbad.
- Used Batteries – Used batteries are replaced and removed on an as needed basis by Interstate Battery Company.
- Used Oil Filters – Used oil filters are placed in 55-gallon open top drums and removed by E&E Enterprises for recycling on an as needed basis.
- Used Antifreeze – Used antifreeze is removed by E&E Enterprises for recycling on an as needed basis.
- Scrap Metal – Scrap metal generated from various truck repair and well maintenance/servicing is collected in a scrap metal bin. Approximately 5,000 pounds per year is picked up by Artesia Metal and Supply for recycling.
- Truck Maintenance Area – The truck maintenance area floor drain collects floor rinsate, solids, and oil that drain into a sump. This sump is cleaned out and the material is disposed of by Controlled Recovery, Inc. The clarified water from this sump drains to the drainfield along with the sanitary wastewater.

**9. Proposed Modification to Existing Collection, Treatment, and Disposal Procedures**

BJ Services – Artesia District currently has no plans to modify the manner in which effluents and solid wastes are collected, treated, or disposed.

**10. Inspection and Maintenance Program**

The BJ Services – Artesia District is inspected on a regular basis by numerous individuals at varying intervals. Facility personnel including the Environmental Coordinator, District Manager, Facility Supervisor, and District Safety or



February 11, 2000

Mr. Wayne Price  
State of New Mexico  
Energy, Minerals, and Natural Resources Department  
Oil Conservation Division  
2040 South Pacheco  
Santa Fe, NM 87505

Re: Discharge Plan Renewal Application; GW-190  
BJ Services Company, USA Artesia, New Mexico Facility

Dear Mr. Price:

Enclosed is a copy of the Discharge Plan Renewal Application for the BJ Services Company, USA facility in Artesia, New Mexico.

My apologies for not enclosing this copy with the original.

Regards,

A handwritten signature in cursive script that reads 'Joyce Warren'.

Joyce Warren  
BJ Services Company  
11211 FM 2920  
Tomball, Texas 77375  
Phone: 281-357-2574  
Fax: 281-357-2585

Enclosure: 1



February 11, 2000

CERTIFIED MAIL NO. P 414 630 944  
RETURN RECEIPT REQUESTED

Mr. Wayne Price  
State of New Mexico  
Energy, Minerals, and Natural Resources Department  
Oil Conservation Division  
2040 South Pacheco  
Santa Fe, NM 87505

RE: Discharge Plan Renewal Application; GW-190  
BJ Services Company, USA Artesia, New Mexico Facility

Dear Mr. Price:

Enclosed is the original and one copy of a Discharge Plan Renewal Application for the BJ Services Company, USA facility in Artesia, New Mexico and the required \$50.00 filing fee.

If you have any questions, or need additional information regarding these activities, feel free to contact me at (281) 357-2573.

Sincerely,



Rick N. Johnson, REM  
Environmental Specialist

Enclosure (original and one copy)

c: Mike Wiggins, BJ Services Company, USA (w/ 1 copy of enclosure)  
NMOCD Artesia Office; 811 South First Street; Artesia, NM 88210 (1 copy of enclosure)

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 South First, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Oil Conservation Division  
2040 South Pacheco  
Santa Fe, NM 87505

Revised March 17, 1999

Submit Original  
Plus 1 Copy  
to Santa Fe  
1 Copy to Appropriate  
District Office

**DISCHARGE PLAN APPLICATION FOR SERVICE COMPANIES, GAS PLANTS,  
REFINERIES, COMPRESSOR, AND CRUDE OIL PUMP STATIONS**

(Refer to the OCD Guidelines for assistance in completing the application)

☐ New

☒ Renewal

☐ Modification

1. Type: Cementing, acidizing, and high pressure pumping services for oil and gas wells
2. Operator: BJ Services Company, USA  
Address: 2401 Sivley, Artesia, NM 88210  
Contact Person: Jo Ann Cobb Phone: 281-357-2572
3. Location: SE /4 SE /4 Section 32 Township 16S Range 26R  
Submit large scale topographic map showing exact location.
4. Attach the name, telephone number and address of the landowner of the facility site.
5. Attach the description of the facility with a diagram indicating location of fences, pits, dikes and tanks on the facility.
6. Attach a description of all materials stored or used at the facility.
7. Attach a description of present sources of effluent and waste solids. Average quality and daily volume of waste water must be included.
8. Attach a description of current liquid and solid waste collection/treatment/disposal procedures.
9. Attach a description of proposed modifications to existing collection/treatment/disposal systems.
10. Attach a routine inspection and maintenance plan to ensure permit compliance.
11. Attach a contingency plan for reporting and clean-up of spills or releases.
12. Attach geological/hydrological information for the facility. Depth to and quality of ground water must be included.
13. Attach a facility closure plan, and other information as is necessary to demonstrate compliance with any other OCD rules, regulations and/or orders.

14. CERTIFICATION I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

Name: Jo Ann Cobb

Title: Mgr. Env. Services

Signature: Jo Ann Cobb

Date: 02-11-00



**4. Name and Address of the Landowner of the Site:**

BJ Services Company  
5500 Northwest Central Drive  
Houston, Texas 77092  
(713) 462-4239

**5. Facility Description and Diagram**

BJ Services Company, USA (BJ Services – Artesia District) provides cementing, acidizing, and high pressure pumping services to oil and gas well operators in the Artesia, New Mexico area. The principal materials stored and utilized in the servicing operations at the wellhead include: hydrochloric acid, cement, sand, and liquid and dry chemical additives. A facility location map and an updated facility diagram are presented as Attachment 1.

**6. Materials Stored**

Materials stored at the BJ Services – Artesia District include hydrochloric acid, various grades and types of sand, various types of cement and cement additives, drummed liquid chemicals used for fracturing and acidizing blends, and dry additives used for cement blends. Categories of chemicals stored at the facility include breakers, corrosion and scale inhibitors, extenders, surfactants, cleaning agents, activators, propants, retarders, salts, scale control agents, loss control agents, and paraffin control agents. A current inventory list of chemicals used at the Artesia, NM district is attached to this document as Attachment 2.

**7&8. Current Effluent and Waste Stream Collection, Treatment, and Disposal Procedures**

- Truck Wash – The truck wash water generated at the truck wash bay as a result of washing the truck wash exterior is made of three components: water, inert solids, and oil. When the water is separated, the water is recycled and reused in the truck washing system. The oil is reclaimed and is removed by E & E Enterprises approximately twice per month. The inert solids are removed on an as needed basis by Controlled Recovery, Inc. After the recycled water becomes unusable, it is transferred to an aboveground reclaim system and used to perform acid jobs.
- Cement – Approximately 45,000 pounds per month of excess cement from well servicing activity is collected and stored in an upright silo until it is returned to Southwest Portland Cement by Schwerman Transportation for reuse.
- Empty Drums – Approximately 2000 drums per year are generated from used of BJ chemicals. They are stored at the facility and periodically picked up by a BJ or contract driver and taken to West Texas Drum in Odessa, Texas.

- Domestic Trash – Trash generated by normal operations from the office and site buildings is placed into dumpsters and picked up by trash trucks. The contents are taken to the city landfill.
- Domestic Wastewater – The wastewater generated from sinks, showers, and restrooms is treated by an on-site septic system and discharge to a drain field.
- Acidic Wastewater – Dilute unused acid mixtures from the well site are contained in the service vehicles. When another job is called in, the job is “loaded on top” of the previous acid mixture. If the acid must be removed from the service vehicle, it is placed into an “Acid Reclaim Tank” and is used in loading the next acid job.
- Used Motor Oil – Used motor oil is placed into an aboveground storage tank and is removed by E&E Enterprises for recycling on an as needed basis.
- Spent Solvent – Solvent used for washing truck and equipment parts is re-circulated in the parts washing system. The drum of used solvent is removed and replaced on an as needed basis by Safety Kleen Corporation. BJ Services uses the non-hazardous solvent to avoid disposing of a hazardous waste.
- Used Tires – Worn tires are replaced and removed on an as needed basis by Forest Tire in Carlsbad.
- Used Batteries – Used batteries are replaced and removed on an as needed basis by Interstate Battery Company.
- Used Oil Filters – Used oil filters are placed in 55-gallon open top drums and removed by E&E Enterprises for recycling on an as needed basis.
- Used Antifreeze – Used antifreeze is removed by E&E Enterprises for recycling on an as needed basis.
- Scrap Metal – Scrap metal generated from various truck repair and well maintenance/servicing is collected in a scrap metal bin. Approximately 5,000 pounds per year is picked up by Artesia Metal and Supply for recycling.
- Truck Maintenance Area – The truck maintenance area floor drain collects floor rinsate, solids, and oil that drain into a sump. This sump is cleaned out and the material is disposed of by Controlled Recovery, Inc.

**9. Proposed Modification to Existing Collection, Treatment, and Disposal Procedures**

BJ Services – Artesia District currently has no plans to modify the manner in which effluents and solid wastes are collected, treated, or disposed.

**10. Inspection and Maintenance Program**

The BJ Services – Artesia District is inspected on a regular basis by numerous individuals at varying intervals. Facility personnel including the Environmental Coordinator, District Manager, Facility Supervisor, and District Safety or

Training Supervisor conduct Environmental Reviews on a monthly basis. The Regional Safety and Training Manager conducts an environmental review at least twice per year. In addition, a representative from the Corporate Safety and Environmental group performs an environmental review at least once per year. The corrective actions needed are documented and addressed in a set time-frame. The Environmental Review form used for these reviews is presented as Attachment 3.

**11. Contingency/Emergency Response Plan**

The Spill Prevention, Control, and Countermeasures Plan, which contains the spill reporting procedure as well as the Contingency Plan, is presented as Attachment 4.

**12. Geological/Hydrogeological Information**

The Pecos River is approximately 4 miles to the east of the property. This is a very small branch of the river that flows into Lake McMillan to the far south of Artesia.

Only a very heavy rain storm could cause any significant flooding due to run-off. A drainage culvert on the south side of the property would catch rainfall run-off.

Boring reports from monitor wells installed at the site indicate hard packed caliche is the surface covering. At about five feet, the soil becomes silty clay with some sand and small gravel; from white to tan. At about ten feet, the texture turns to clay. The site is located on quaternary alluvium in an area known as the Roswell Basin, or Roswell Artesian Basin. The lowest water-bearing stratigraphic unit that appears in the overall artesian system is the Glorieta Sandstone. The Glorieta Sandstone is generally fine-grained to very fine-grained, moderately to well cemented, well sorted, clean quartz sandstone. This unit varies in thickness from 0 to 750 feet but is generally 100 to 125 feet thick through the northern part of the basin. The San Andres Limestone (Permian) conformably overlies the Glorieta Sandstone. The entire unit is laterally uniform and exceptionally widespread. The San Andres formation has been divided into an upper and lower member. The lower member, known as the Slaughter Zone, contains a groundwater producing zone as well as a hydrocarbon producing zone that is utilized for oil and gas production in Chaves and Eddy counties, New Mexico. Regionally, the San Andres Limestone varies from 1200 to 1400 feet in thickness. The San Andres is overlain by Tertiary-Quaternary alluvium. The alluvial deposits are derived mainly from limestone. These soils are highly calcareous. More recent alluvial and floodplain deposits of Pecos River depositional origin are of mixed lithologies and consist of coarse to fine-grained stratified sediments. The Tertiary-Quaternary alluvial deposits typically range from approximately 100 to 400 feet in thickness.

The geologic units important to groundwater supply in the Roswell Basin are the Quaternary alluvium and the San Andres formation. The Glorieta Sandstone, considered to be one of the primary transporting media for recharge of the confined limestone (San Andres) aquifer, is not a significant source of groundwater. Typically, the Glorieta Sandstone produces low yields and poor groundwater quality. A confined artesian aquifer is typically found in the upper portion of the San Andres formation. However, in the Roswell area, the Slaughter sub-unit (lower half of the San Andres formation) forms the porous reservoir for the artesian aquifer. Changes in artesian head, due to over appropriation of water during the irrigation season (summer) causes periodic saline encroachment to occur in groundwater in the Roswell area. Artesian flow in wells in the Roswell Basin is limited in summer months. (Dames and Moore, *Onsite Investigation Report*, Submitted to NMED April 1998)

A well search was conducted by Brown and Caldwell, consultants for BJ Services. This water well search included well locations (by quarter/quarter section), well depth, water level, water quality, and use of each well. This search was conducted at the State Engineer's Office in Roswell, New Mexico on February 21, 1993. No existing water wells within ½ mile of the facility were identified.

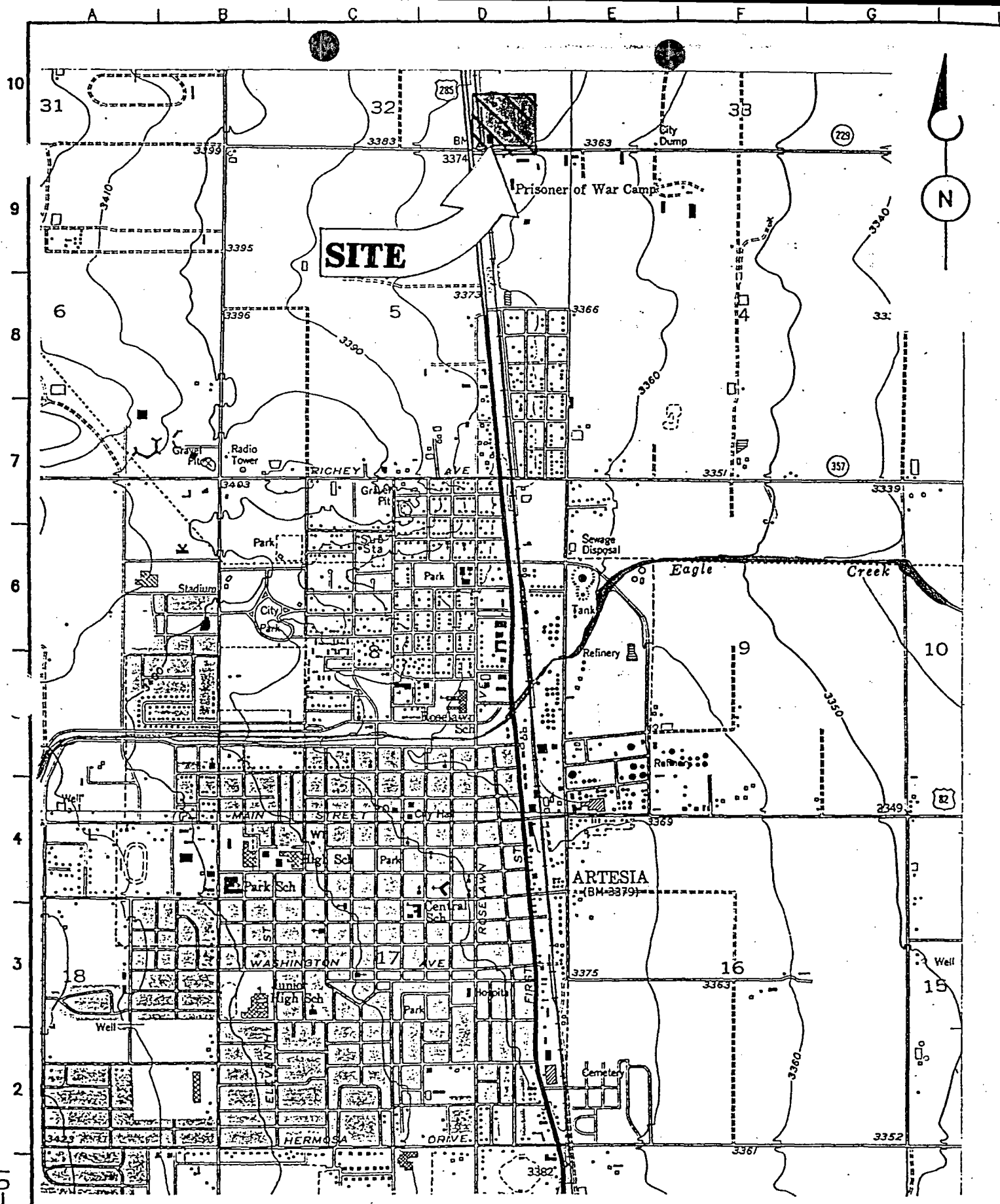
Depth to groundwater at the site ranges from 12 to 15 feet. There have been a few areas of the facility that have impacted groundwater quality. However, each of these areas have been or are being addressed with the assistance of NMOCD or NMED. Currently, free product is being recovered from the shallow water-bearing zone via two monitoring wells and oil absorbing socks in the maintenance bay area.

### **13. Closure/Compliance Information**

BJ Services – Artesia District is an operating oil field service facility with no intentions of closing. However, if BJ Services decided to close the Artesia district, a closure plan would be submitted to the NMOCD. Compliance information is presented as Attachment 5.

**Attachment 1**  
**Facility Location Map and Diagram**

E:\7440\7440-01



**Brown and Caldwell**  
Consultants  
DALLAS-HOUSTON, TEXAS

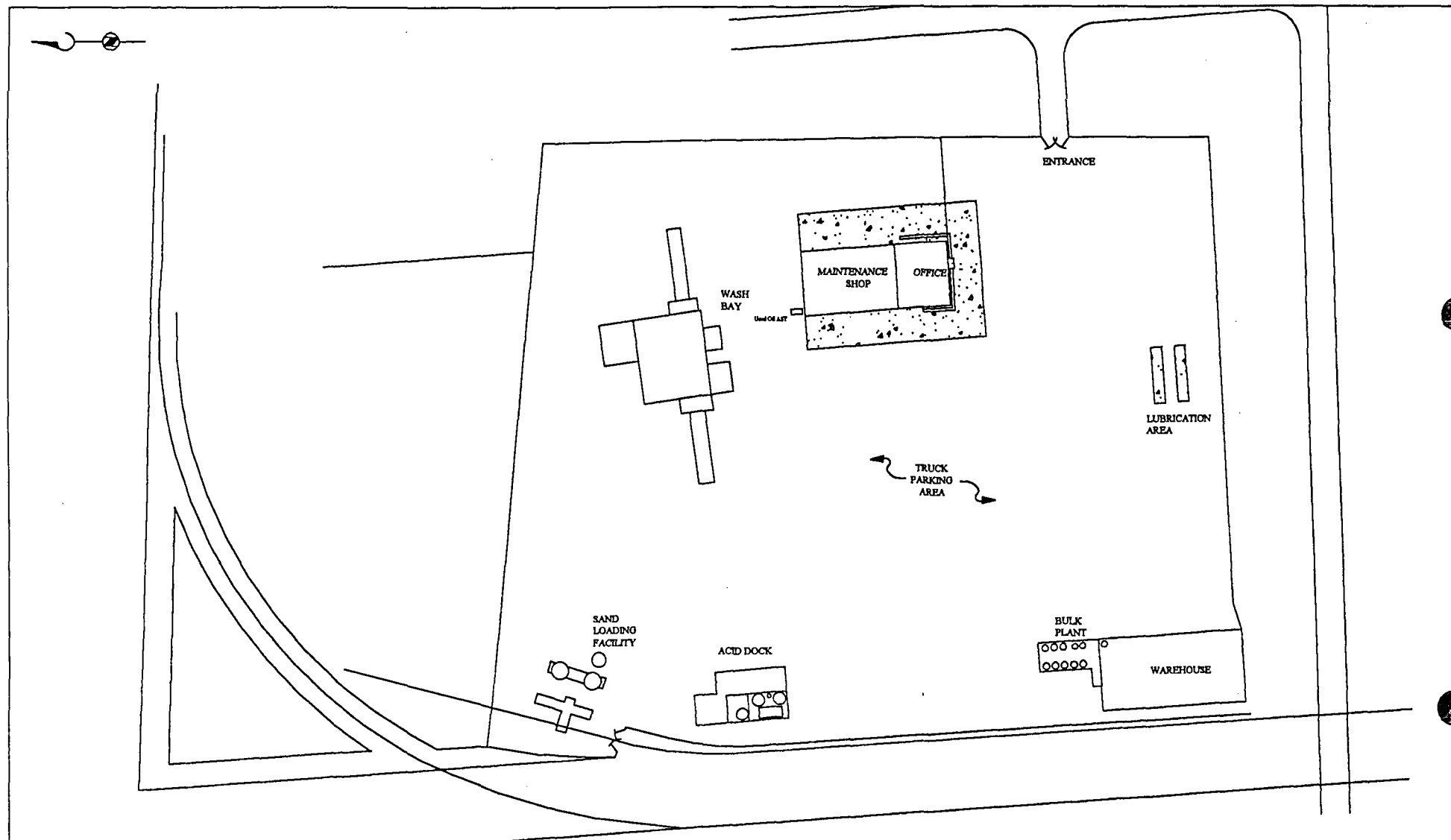
0 1000 2000  
SCALE: 1" = 2000'

DRAWN BY: JDM DATE 2/18  
CHK'D BY: JLC DATE 2/18  
APPROVED: LMY DATE

TITLE  
VICINITY MAP  
CLIENT  
WESTERN COMPANY OF NORTH AMERICA  
SITE LOCATION  
ARTESIA, NEW MEXICO

DATE  
03/02/93  
PROJECT NUMBER  
7440-01  
FIGURE NUMBER  
1-1

REV.	DESCRIPTION	BY	DATE



**BJ Services Company, USA**  
P.O. Box 4442 (77210-4442)  
5500 Northwest Central Drive  
Houston, Texas 77092

**Figure 1 : Site Layout Diagram - Artesia, New Mexico District**

Facility Address: 2401 Sivley Road  
Artesia, New Mexico

0 50 100  
  
SCALE: 1" = 100'

REVISION DATE:  
5/28/99

DRAWN BY:  
BC/RNJ



**Attachment 2**  
**Materials Used and Stored**

41530

BJ Services Company  
 INVENTORY STATUS  
 CHEMICAL INVENTORY WIN ORDER  
 ALL CATEGORIES

Page : 2/07/00  
 Date :  
 Branch : ARTE

CHM . PRP

Chemical and Other Products

Proppants-Sand

Item Number Description	Location/Lot	UM	On Hand	Held	Committed/ Selected/ Work Order	Available	On P.O./ On W.O.	Unit Cost	Extended Cost	Trans Date
100002 Sand, White, 20/40		Grade CW	303.60	SIL0		303.60		4.0465	1228.51	11/10/99
100004 Sand, White, 16/30	SP2	Grade CW	3459.40	SIL0	907.90	2551.50	900.00	4.8611	12403.09	02/26/99
100005 Sand, White, 12/20		Grade CW	Potency	—				5.6195		
100006 Sand, Brown, Brady, 20/40	SP1	Grade CW	Potency	—				3.6020		10/21/99
100008 Sand, Brown, Brady, 12/20		Grade CW	Potency	—				3.9125		03/31/98
100010 Sand, Brown, Brady, 16/30	SP3	Grade CW	Potency	—	1258.28	1258.28	2850.00	3.1045	3906.33	11/01/99
100016 Sintered Bauxite, 20/40		Grade LB	Potency	—				.2320		
100020 CEMENT, CLASS C, BULK	CS-6&7	Grade S9	1435.09	SIL0	5215.00	3779.91		4.4373	16772.59	01/10/00
100022 CEMENT, CLASS H, BULK	CS-5	Grade S9	1973.00	SIL0	750.00	1223.00		4.3399	5307.69	12/27/99
100024 CEMENT, NON-API, LITE-WATE T		Grade S7	Potency	—				4.3072		10/09/97
100030 PLUG, 02.875" TOP RUBB/ALUM	HR-04	Grade EA	2.00	BP		2.00		9.0000	18.00	03/29/98
100056 PLUG, 1.750" TOP RESIN/COR	HR-02	Grade EA	4.00	BP		4.00		123.0150	492.06	09/27/99
100082 PLUG, 16.000" TOP WOOD		Grade EA	Potency	—				78.8400		01/09/99
100064 PLUG, 20.000" TOP WOOD		Grade EA	Potency	—				110.3800		03/31/99
100071 BALL SEALER 0.875"X 1.30	HR-06	Grade EA	5796.00	BP	1144.00	4652.00		.2801	1303.02	01/31/00
100072 RUBBER/NYLON 1.000"X 1.30		Grade EA	70.00	BP		70.00		.2600	18.20	06/28/99
100074 BALL SEALER 0.875"X 1.10		Grade EA	228.00	BP		228.00		.3109	70.88	04/14/99

BP = Bulk Plant

7462235 TO 12813572585

FEB 11 '00 07:30 FR BJ ARTESIA

41530

BJ Services Company  
 CHEMICAL INVENTORY STATUS -- WITH ORDER  
 ALL CATEGORIES

Page :  
 Date : 2/07/00  
 Branch : ARTE

CHM . BUF

Chemical and Other Products Buffers

Item Number Description	Location/Lot	UM	On Hand	Held	Committed/ Selected/ Work Order	Available	On P.O./ On W.O.	Unit Cost	Extended Cost	Trans Date
100080 Sodium Bicarbonate, 50 LB s	BP-13	Grade LB	1487.00	BP	115.00	1372.00		.1349	185.08	10/27/98
100088 ACCL. 22 BAUME (35.2%)	AD-01	Grade GL	6036.57	AD	55772.00	49735.43-		.3772	18760.20-	01/28/00
100091 FERROFROL-300L (55 GL DR)	AD-02	Grade GL	271.00	AD-Tote	104.00	167.00		4.2307	706.52	01/10/00
100096 ACETIC ACID/GLACIAL	AD-5	Grade GL	720.00	Tote	511.00	209.00		5.7009	1191.48	01/28/00
100102 METAFROL (55 GL DR)	JGB-1	Grade GL	Potency	—	302.00	302.00-		.7900	238.58-	08/02/99
100103 ISOPROPANOL (IPA)		Grade GL	135.00	BP		135.00		3.0667	414.00	09/15/99
100104 OS-40 (55 GL DR)	DR-05	Grade GL	110.00	BP		110.00		2.5464	280.10	01/06/00
100105 XYLENE (MIXED ISOMERS)		Grade GL	Potency	—				1.3900		05/13/99
100112 A-7P, CALCIUM CHLORIDE PELL	BP-17	Grade LB	15430.00	BP	6148.00	9282.00		.1026	952.33	01/10/00
100114 POTASSIUM CHLORIDE, KCL	BP-07	Grade LB	33553.00	BP	351.00	33202.00		.1039	3449.68	01/10/00
100118 Diacef LWA	BP-12	Grade LB	593.00	BP		593.00		3.3900	2010.27	05/25/99
100120 Bentonite, bulk	CS-2	Grade LB	106951.00	Silo	15585.00	91366.00		.0606	5536.77	01/10/00
100122 Sand, 100 mesh, S-8C, Bulk		Grade LB	5380.00	BP		5380.00		.0208	111.90	10/11/99
100130 Sodium Acetate (50 lb sack)	MIXED	Grade LB	2842.00	BP	378.00	2464.00	2250.00	.4801	1182.96	09/23/99
100131 Naphthalene, S-3	BP-15	Grade LB	630.00	BP	2100.00	1470.00-		1.9800	2910.60-	06/14/99
100136 LT-17 (55 GL DRM)		Grade GL	Potency	BP				6.0359		06/14/99
100138 LT-21 (54 GL DR)	DR-04	Grade GL	20.00	BP		20.00		5.7506	115.01	11/22/99

AD = Acid Rock

P. 05/18

7462235 TO 12813572585

FEB 11 '00 07:31 FR BJ ARTESIA

41530

BJ Services Company  
 STOCK STATUS  
 CHEMICAL INVENTORY - WIN ORDER  
 ALL CATEGORIES

Page -  
 Date - 2/07/00  
 Branch - ARTE

CHM . INT

Chemical and Other Products

MANUFACTURING INTERNATIONAL

Item Number Description	Location/Lot	UM	On Hand	Held	Committed/ Selected/ Work Order	Available	On P.O./ On W.O.	Unit Cost	Extended Cost	Trans Date
100142 Manganese Bifluoride		Grade LB	2.00	BP	906.00	904.00-		.7500	678.00-	03/29/98
100146 Aqua Flow (54 GL DR)	DR-02	Grade GL	96.00			96.00		4.5750	439.20	10/01/99
100156 FP-11	BP-11	Grade LB	Potency					.6504		08/25/99
100158 XLW-33	BP-11	Grade LB	85.00			85.00		.7511	63.84	06/14/99
100170 FERROROL-900L (55 GL DR)	DR-03	Grade GL	75.00		25.00	50.00		4.7327	236.63	01/31/00
100171 GW-28	BP-11	Grade LB	Potency					4.1967		06/14/99
100174 ACETIC ACID/ANHYD (55 GL D	DR-01	Grade GL	Potency					6.6187		06/14/99
100175 GBW-5	BP-12	Grade LB	517.00		366.00	151.00	600.00	.9500	143.45	01/31/00
100179 CAUSTIC LIQUID, 25% (55 GL	DR-03	Grade GL	Potency					.7913		01/13/00
100185 GBW-10	BP-11	Grade LB	20.00			20.00		2.9295	58.59	06/14/99
100198 S-400 (55 GL DR)	DR-05	Grade GL	6.00		12.00	6.00-	55.00	4.8000	28.80-	01/10/00
100207 AG-21R (HEC-10)	BP-15	Grade LB	3780.00		4320.00	540.00-	12000.00	3.0710	1658.34-	01/26/00
100211 Delete. HS-1 (55 GL DR)		Grade GL	13.00		82.00	69.00-		21.9100	1511.79-	01/26/00
100219 Delete use HS-2		Grade LB	Potency					.6722		01/23/99
BENZOIC ACID REGULAR FLAKE		Grade LB	Potency					.8230		03/29/98
100221 BENZOIC ACID FLAKE SUPER	BP-15	Grade LB	Potency					.3147	62.94-	01/28/00
100225 NITROGEN LIQUID, N2		Grade HC	Potency		200.00	200.00-		.1044	417.60	06/14/99
100237 SODA ASH	BP-13	Grade LB	4000.00	BP		4000.00				

P.06/18

7462235 TO 12813572585

FEB 11 '00 07:31 FR BJ ARTESIA

41530

BJ Services Company  
 STOCK STATUS  
 CHEMICAL INVENTORY - WIN ORDER  
 ALL CATEGORIES

Page : 2/07/00  
 Date :  
 Branch : ARTE

CHM, FLS

Chemical and Other Products Fluid-loss, Stim

Item Number Description	Location/Lot	UM	On Hand	Held	Committed/ Selected/ Work Order	Available	On P.O./ On W.O.	Unit Cost	Extended Cost	Trans Date
100266 S-8C, 100 MESH SAND, SACKS	BP-19	Grade LB	6000.00	BP		6000.00		.0580	348.00	12/29/99
100267 FC-50		Grade LB	2936.00	BP	75.00	2861.00		2.9723	8503.75	
100273 SODIUM SILICATE (55 GL DR)	AD-10	Grade GL	570.00	BP		570.00		1.9800	1128.60	06/14/99
100274 ATTAPULGITE CLAY	BP-09	Grade LB	2150.00	BP		2150.00		.1607	345.50	06/14/99
100275 Sodium Metasilicate	BP-12	Grade LB	3566.00	BP		3566.00		.2291	816.97	06/14/99
100283 R-3	BP-10	Grade LB	356.00	BP		356.00		.4004	142.54	06/24/99
100290 CD-31	BP-17	Grade LB	445.00	BP		445.00	400.00	.7452	331.61	12/29/99
100294 GILSONITE, SACKS	CS-3	Grade LB	7768.00	BP	5800.00	1968.00		.0855	168.26	11/22/99
100295 CELLULOSE FLAKE	BP-18	Grade LB	1670.00	BP	678.00	992.00		.3000	297.60	01/10/00
100302 Sand, Brown, Brady, 20/40, sac	BP-12	Grade S5	84.00	—		84.00		2.4836	208.62	12/27/99
100313 GM-55	BP-12	Grade LB	Potency	BP				3.3100		06/14/99
100316 Barite, bulk		Grade LB	476900.00	BP		476900.00		.0011	524.59	
100317 Fly Ash (Pozzolan)	CS-4	Grade SZ	4529.00	S:10	1195.00	3334.00		1.0274	3425.35	01/10/00
100323 SAP	HR-01	Grade LB	1070.00	BP	75.00	995.00		.3720	370.14	01/14/00
100346 Ceramax I, 20/40	JOB	Grade LB	Potency	BP				.4230		07/16/99
100362 FAW-1 (55 GL DR)		Grade GL	Potency					5.1100		02/02/98
100365 Diesel #2, LFC, bulk	MIXED	Grade GL	3581.00	XLFCI-TANK	602.00	2979.00		.9489	2826.77	09/23/99

P. 07/18  
7462235 TO 12813572585

FEB 11 '00 07:31 FR BJ ARTESIA

41530

BJ Services Company  
 STOCK STATUS  
 CHEMICAL INVENTORY WIN ORDER  
 ALL CATEGORIES

Page 7  
 Date 2/07/00  
 Branch ARTE

CHM . BLS

Chemical and Other Products

SELECT-O-BALL SERVICES

Item Number Description	Location/Lot	UM	On Hand	Held	Committed/ Selected/ Work Order	Available	On P.O./ On W.O.	Unit Cost	Extended Cost	Trans Date
100384 Ball Sealer, 0.625"X 1.30		Grade	Potency					.6835		07/25/99
100404 Rubber/Nylon	BP-03	Grade	20767.00		11921.00	8846.00		.0440	389.22	01/10/00
100409 Salt, NACL, Fine	MIXED	Grade	271.00		9.00	262.00		.8301	217.48	09/15/99
100472 FERROTRONOL-110, Fumaric Aci	DR-04	Grade	Potency		193.00	193.00-		7.8950	1523.73-	01/31/00
100486 NE-940 (55 GL DR)		Grade	Potency					7.6068		06/14/99
XC10E-207		Grade	Potency							
100495 Salt, NACL, Medium Rock Salt	BP-06	Grade	1750000.00			1750000.00		.0009	1575.00	12/07/99
119978 PLUG 13 375 TOP RUBB/ALUM	HR-05	Grade	Potency		3.00	3.00-		244.8500	734.55-	12/15/99
WPS-PLUG										
121102 PLUG 05 500" BTM ALUM/CORE	HR-03	Grade	Potency 1.00			1.00		39.0495	39.04	06/14/99
WPS-PLUG										
121103 PLUG 07 000" BTM ALUM/CORE		Grade	Potency					48.3645		05/14/99
WPS-PLUG										
121105 PLUG 08 625" BTM ALUM/CORE	HR-03	Grade	Potency 3.00			3.00		64.9405	194.82	03/29/98
WPS-PLUG										
121106 PLUG 09 625" BTM ALUM/CORE		Grade	Potency					85.9080		05/14/99
WPS-PLUG										
121110 PLUG 04 500" TOP ALUM/CORE	HR-04	Grade	Potency 7.00			7.00		19.7156	138.00	02/09/99
WPS-PLUG										
121112 PLUG 05 500" TOP ALUM/CORE	HR-04	Grade	Potency 5.00			5.00		24.3000	121.50	05/11/98
WPS-PLUG										
121113 PLUG 07 000" TOP ALUM/CORE	HR-02	Grade	Potency				2.00	21.6500		03/29/98
WPS-PLUG										
121114 PLUG 07 625" TOP ALUM/CORE	HR-02	Grade	Potency 3.00		1.00	2.00	1.00	49.3400	98.68	03/29/98
WPS-PLUG										
121115 PLUG 08 625" TOP ALUM/CORE	HR-02	Grade	Potency 12.00		2.00	10.00	4.00	57.1951	571.95	01/10/00
WPS-PLUG										
121116 PLUG 09 625" TOP ALUM/CORE	HR-05	Grade	Potency 1.00		1.00			66.4300		03/29/98
WPS-PLUG										

P.00718

7462235 10 12813572585

FEB 11 '00 07:31 FR BJ ARTESIA

41530

BJ Services Company  
 STOCK STATUS  
 CHEMICAL INVENTORY WIN ORDER  
 ALL CATEGORIES

Page :  
 Date : 2/07/08  
 Branch : ARTE

CHM . PLG

Chemical and Other Products

INST PLUGS

Item Number Description	Location/Lot	UM	On Hand	Held	Committed/ Selected/ Work Order	Available	On P.O./ On W.O.	Unit Cost	Extended Cost	Trans Date
121117 PLUG, 10.750" TOP ALUM/CORE	HR-06	Grade	EA Potency 3.00			3.00		114.5333	343.59	05/19/98
160051 PLUG, 09.625" TOP WOOD	HR-05	Grade	EA Potency 2.00			2.00		27.7347	55.46	04/17/98
160111 THREAD LOCKING KIT, 8 OZ	HR-9	Grade	EA Potency 2.00			2.00		5.2760	10.55	06/26/98
160127 PLUG, 07.625" TOP WOOD		Grade	EA Potency					57.2500		
160142 PLUG, 11.750" TOP WOOD	HR-03	Grade	EA Potency 5.00			5.00		43.8922	219.46	01/14/00
160143 PLUG, 13.375" TOP WOOD	HR-04	Grade	EA Potency 5.00		1.00	4.00		42.0013	168.00	03/29/98
160146 PLUG, 08.625" TOP WOOD	HR-05	Grade	EA Potency 1.00			1.00		28.0011	28.00	03/29/98
160154 BAFFLE PLATE, THREADED FIBE		Grade	EA Potency					81.4000		
258582 BAFFLE PLATE, THREADED FIDE		Grade	EA Potency					53.3500		01/09/98
272220 PLUG, 05.500" TOP WOOD		Grade	EA Potency 1.00			1.00		20.5000	20.50	01/28/00
276477 SUB-SEA PLUG, TOP, 20"	HR-06	Grade	EA Potency 1.00			1.00		399.0000	399.00	03/29/98
401005 TUCKER WASH (55 GL DR)		Grade	GL Potency 220.00			220.00		2.3240	511.28	
408014 USE 110219		Grade	GL Potency					97.0600		
408050 PAILS/DOT 5 GAL W/LIDS	BP-05	Grade	EA Potency 144.00			144.00		4.2500	612.00	06/14/99
408055 PAILS/NOH-HAZ 5 GAL W/LIDS	BP-05	Grade	EA Potency 60.00			60.00	20.00	2.8500	171.00	06/14/99
411003 FLC-41.ADOMITE REGAIN	BP-13	Grade	LB Potency 1200.00			1200.00		.8083	969.96	09/15/99
411024 TS-4603		Grade	GL Potency					11.6411		03/29/98

7462235 TO 12813572585

FEB 11 '00 07:32 FR BJ ARTESIA



41530

BJ Services Company  
 STOCK STATUS  
 CHEMICAL INVENTORY -- WIN ORDER  
 ALL CATEGORIES

Page : 9  
 Date : 2/07/00  
 Branch : ARTE

CHM . SEQ

Chemical and Other Products Sequestering Agents

Item Number Description	Location/Lot	UM	On Hand	Held	Committed/ Selected/ Work Order	Available	On P.O./ On W.O.	Unit Cost	Extended Cost	Trans Date
411025 TS-4800		Grade	GL	Potency				24.4201		03/29/98
411039 FERROTROL-270 (51 GL DR)	AD-04	Grade	GL	Potency	823.00 268.00	555.00		16.8342	9342.98	01/31/00
411040 FERROTROL-271 (55 GL DR)	AD-09	Grade	GL	Potency	189.00 89.00	100.00		6.9474	694.74	01/28/00
411046 Techni-Hib 756	DR-05	Grade	GL	Potency	590.00 385.00	205.00		6.7500	1383.75	06/14/99
411065 A-10B, Gypsum, W-120 50 lb	BP-08	Grade	LB	Potency	19194.00 4512.00	14682.00	44000.00	.0780	1145.19	12/03/99
411082 AE-Aromatic		Grade	GL	Potency				1.8900		03/29/98
411084 GOW-15C	LAB	Grade	GL	Potency				34.9994		08/18/99
411093 E-30 (54 GL Drum)		Grade	GL	Potency	110.00	110.00		11.8884	1307.72	12/15/99
411096 Pentafax 2	AD-06	Grade	GL	Potency	120.00	120.00		3.8000	456.00	07/29/99
411118 GR-28L (5 GL pail)		Grade	GL	Potency				27.8000		
411121 Techni-Sperse 2917	DR-21	Grade	GL	Potency				9.2000		03/29/98
USE SIMILAR TO PARAVAN-23										
411123 Techni-Hib 7815W (55 GL DR)	DR-16	Grade	GL	Potency				8.6157		03/29/98
411124 S-301 (55 GL DR)	DR-05	Grade	GL	Potency				7.2000		01/19/00
411125 RG-35	DR-29	Grade	LB	Potency				.2650		05/14/99
411129 PF-2 (5 gl pail)	BP-01	Grade	GL	Potency	3.00	3.00		8.4000	25.20	05/14/99
411129 Packer Fluid Inhibitor										
411129 FR-42C (5 gl pail)	BP-02	Grade	GL	Potency				14.5500		05/14/99
415057 BA-90 20 kg (44.1 LBS) BAG	BP-11	Grade	LB	Potency	246.00	246.00		.0900	22.14	05/14/99

7462235 IU 12813572583

FEB 11 '00 07:32 FR BJ ARTESIA

41530

BJ Services Company  
 STOCK STATUS  
 CHEMICAL INVENTORY - WIN ORDER  
 ALL CATEGORIES

Page - 10  
 Date - 2/07/00  
 Branch - ARTE

CHM - MSC

Chemical and Other Products

INST MISC

Item Number Description	Location/Lot	UM	On Hand	Held	Committed/ Selected Work Order	Available	On P.O./ On W.O.	Unit Cost	Extended Cost	Trans Date
415060 HEMATITE, SACKS		Grade	LB	Potency				.0702		08/25/99
420145 BENTONITE, (BJ GEL) 50# Sac	BP-17	Grade	LB	Potency				.0282		03/29/98
421508 A-7L, CACL2, 30% SOL (55 GL	DR-03	Grade	GL	Potency				1.3600		06/14/99
422528 FL-33		Grade	LB	Potency	307.00	307.00		8.2153	2522.09	01/29/00
423445 CI-25 (TOTE 385 GL)		Grade	GL	Potency				14.7500		03/26/99
423729 NE-11B (330 GL TOTE)	AD-05	Grade	GL	Potency				5.0489		09/15/99
423785 INFLO-150, (330 GL TOTE)	AD-07	Grade	GL	Potency				4.1021		07/15/99
424270 GW-38 (BULK)	MIXED	Grade	LB	Potency	2836.00	1912.00		2.1471	4105.25	08/20/99
424317 GBW-1200 (QUARTS)		Grade	QT	Potency	924.00			77.7658		07/24/98
424351 XLW-4, (330 gal Tote)	DR-22	Grade	GL	Potency	225.00	225.00	330.00	6.1500	1383.75	02/26/99
424509 FP-13L (55 GL DRM)		Grade	GL	Potency	21.00	21.00		17.6800	371.28	04/16/99
425142 BF-7L (300 GAL TOTE)		Grade	GL	Potency	80.00	80.00	300.00	2.1943	175.54	06/14/99
425143 BF-8L (55 GL DR)	DR-02	Grade	GL	Potency	43.00	43.00		5.3000	227.90	06/14/99
425225 AQUATROL I (55 GL DRM)		Grade	GL	Potency	110.00	110.00		3.5280	388.08	
430532 PLUG, 07.625" TOP ALUM/CORE		Grade	EA	Potency	2.00	2.00		144.0450	288.09	
430536 PLUG, 08.625" TOP ALUM/CORE		Grade	EA	Potency				66.1200		
430520 PLUG, 05.500" TOP RESIN/COR		Grade	EA	Potency				25.5116		09/08/98
INDUSTRIAL-PLUG										

P.11/18

7462235 TO 12813572585

FEB 11 '00 07:32 FR BJ ARTESIA

41530

BJ Services Company  
 CHEMICAL STOCK STATUS WIN ORDER  
 ALL CATEGORIES

Page :  
 Date : 2/07/00  
 Branch : ARTE

CHM . PLG

Chemical and Other Products

INST PLUGS

Item Number Description	Location/Lot	UM	On Hand	Held	Committed/ Selected/ Work Order	Available	On P.O. On W.O.	Unit Cost	Extended Cost	Trans Date
430628 PLUG-07 000" TOP RESIN/COR INDUSTRIAL-PLUG		Grade	2.00			2.00		29.0000	58.00	
430632 PLUG-07 625" TOP RESIN/COR INDUSTRIAL-PLUG		Grade					2.00	30.7850		01/26/00
430636 PLUG-08 625" TOP RESIN/COR INDUSTRIAL-PLUG		Grade					2.00	46.0000		08/21/98
430660 PLUG-12 375" TOP RESIN/COR INDUSTRIAL-PLUG		Grade	4.00			4.00	2.00	123.0000	492.00	06/26/98
431080 Deleted PLUG 20.000" TOP W Ose 100064	HR-05	Grade						119.0000		03/29/98
488001 NE-11B (55 GL DR)		Grade	22.00		3.00	19.00		5.4985	104.47	01/28/00
488003 GW-27	HR-07	Grade	2800.00		500.00	2300.00		1.1137	2561.51	01/06/00
488004 XLW-56 (55 GL DR)		Grade	37.00			37.00		9.4049	347.98	06/14/99
488007 BF-7L (55 GL DR)	DR-02	Grade			120.00	120.00-	220.00	2.2000	264.00-	07/07/99
488011 GW-4 (BULK)	MIXED	Grade	25886.00		3024.00	22862.00	8000.00	1.0487	23975.37	09/23/99
488013 CD-32	BP-14	Grade	4443.00		245.00	4198.00		1.1500	4827.70	09/27/99
488015 FL-62	BP-14	Grade	7.00		66.00	59.00-		3.0521	180.07-	06/24/99
488019 FP-6L (55 GL DR)		Grade	136.00			136.00	220.00	8.6770	1180.07	06/14/99
488021 INFLO-100 (55 GL DR)		Grade						13.4773		07/01/99
488023 AG-12 (55 GL DR)	DR-02	Grade	20.00			20.00		11.2505	225.01	03/29/98
488024 CI-11 (55 GL DR)	DR-02	Grade	26.00			26.00		13.2210	343.74	11/15/99
488029 FAW-18W (55 GL DR)	DR-04	Grade						13.2133		01/21/00

P.12/18

7462235 10 12813572585

FEB 11 '00 07:32 FR BJ ARTESIA

41530

BJ Services Company  
 STOCK STATUS  
 CHEMICAL INVENTORY - WIN ORDER  
 ALL CATEGORIES

Page -  
 Date - 2/07/00  
 Branch - ARTE

CHM . SUR

Chemical and Other Products

Surfactants

Item Number Description	Location/Lot	UM	On Hand	Weld	Committed/ Selected/ Work Order	Available	On P.O./ On W.O.	Unit Cost	Extended Cost	Trans Date
488032 NE-13 (52 GL DR)	DR-04	Grade GL	392.00		274.00	118.00	260.00	9.7690	1152.74	01/14/00
488037 XLA-2 (55 GL DR)		Grade GL	15.00			15.00		14.0100	210.15	07/01/99
488038 XLA-2 (55 GL DR)	DR-06	Grade GL	540.00			540.00		9.2675	5004.45	10/06/99
488040 INFLO-150 (55 GL DR)		Grade GL	441.00		146.00	295.00	220.00	3.8131	1124.86	01/28/00
488043 Delete MUD SWEEP REGULAR	BP-12	Grade CN	25.00			25.00		33.0000	825.00	06/02/99
488045 Use Ultra Flush II	DR-06	Grade GL	23.00			23.00		16.1098	370.52	07/15/99
488051 SAP MARK III (55 GL DR)		Grade GL	Potency					6.5950		03/05/99
488052 CI-25 (55 GL DR)		Grade GL	5.00			5.00		14.5380	72.69	11/04/99
488058 BA-58		Grade LB	314.00			314.00		.3874	121.64	09/14/99
488071 XLW-4 (55 GL DR)	DR-06	Grade GL	55.00		120.00	65.00-		6.1500	399.75-	08/24/99
488072 EC-1		Grade LB	Potency					.8996		05/14/99
488084 XLW-49	BP-02	Grade GL	5.00			5.00		11.3300	56.65	08/26/99
488096 GBA-2		Grade LB	Potency					3.3500		07/01/99
488102 Delete MUD SWEEP WEIGHTED	BP-11	Grade CN	8.00			8.00		50.9969	407.97	06/14/99
488103 Use Ultra Flush II	DR-06	Grade GL	55.00			55.00		16.1000	885.50	08/26/99
488108 GBA-12CD (6.30 GL PAIL)	LAB	Grade GL	1.30		4.00	2.70-	12.60	297.6200	803.57-	10/18/99
488109 GBW-13C		Grade GL	Potency					74.4136		10/21/99

P.13/18

7462235 TO 12813572585

FEB 11 '00 07:32 FR BJ ARTESIA

41530

BJ Services Company  
 STOCK STATUS  
 CHEMICAL INVENTORY WIN ORDER  
 ALL CATEGORIES

Page - 13  
 Date - 2/07/00  
 Branch - ARTE

CIM . CPX

Chemical and Other Products

Complexers

Item Number Description	Location/Lot	UM	On Hand	Held	Committed/ Selected/ Work Order	Available	On P.O. / On W.O.	Unit Cost	Extended Cost	Trans Date
488121 XLW-41 (52 GL DR)	DR-06	Grade	52.00 Potency			52.00		38.7500	2015.00	06/14/99
488124 BP-10L		Grade	Potency					1.0000		
488136 Delete SUPER PERM CRB	BP-16	Grade	Potency					30.0000		04/08/99
488137 Replace with High Perm CRB	DR-03	Grade	Potency		141.00	141.00-		5.0188	707.65-	10/06/99
488142 CLAY TREAT-3C (55 GL DR)		Grade	2.00 Potency			2.00		17.5500	35.10	
488156 ULTRA FLUSH II (5 GL Pail)		Grade	75.00 Potency			75.00		16.4955	1237.16	11/01/99
488157 Delete AE-7		Grade	Potency					6.2350	74.82	01/19/00
488159 Delete pending use E-30	BP-13	Grade	12.00 Potency			12.00		18.7639		08/18/99
488160 HYPERPERM CRB (GBW-36)	DR-06	Grade	Potency					11.5654	485.74	06/14/99
488162 GO-64 (52 GL DR)	DR-06	Grade	42.00 Potency			42.00		9.2500		10/27/98
488164 GBW-14C(Enzyme X)		Grade	Potency					1.6500	844.80	09/23/99
488165 PSA-1 (25 LB Sack)	MIXED	Grade	585.00 Potency		73.00	512.00	150.00	6.9326	956.69	11/01/99
488172 PSA-2L (51 GL DR)	DR-05	Grade	141.00 Potency		3.00	138.00		1.8727	2142.36	06/14/99
488175 GW-45	MIXED	Grade	1144.00 Potency			1144.00		5.5000	276.00	06/14/99
488195 HIGHPERM CRB-LT (GBW-38)	BP-13	Grade	50.00 Potency			50.00		4.8500	1619.90	
488201 CLAY TREAT-3C (330 gl Tote)		Grade	334.00 Potency			334.00	330.00	10.2500	4100.00	
488220 FAW-4 (200 GL Tote)		Grade	400.00 Potency			400.00		9.8200	3623.58	01/28/00
488220 CI-27 (55 GL DRUMS)		Grade	761.00 Potency		392.00	369.00				

P.14/18

7462235 TO 12813572585

FEB 11 '00 07:33 FR BJ ARTESIA

41530

BJ Services Company  
 STOCK STATUS  
 CHEMICAL INVENTORY -- WIN ORDER  
 ALL CATEGORIES

Page -  
 Date - 2/07/00  
 Branch - ARTE

QIM . EXT

Chemical and Other Products

INST EXTENSIONS

Item Number Description	Location/Lot	UM	On Hand	Held	Committed/ Selected/ Work Order	Available	On P.O./ On W.O.	Unit Cost	Extended Cost	Trans Date
488230 CSE (Bulk)		Grade LB	60006.00 Potency	Silo		60006.00		.1513	9078.90	
488247 BTSEALERS		Grade EA	498.00 Potency			498.00		2.3669	1178.71	11/01/99
488251 AG-57L (54.5 GL DR)	DR-01	Grade GL	468.50 Potency			468.50		9.5856	4490.85	01/18/00
488252 MAGNACIDE 575 (4-1 GL JUGS)	BP-01	Grade GL	18.00 Potency		8.00	10.00	8.00	43.0700	430.70	12/27/99
488254 CI-27 (330 GL TOTE)		Grade GL	Potency				660.00			
488255 FLO-BACK 30 (55 GL Drum)	DR-04	Grade GL	268.00 Potency			268.00		9.3100	2495.08	01/18/00
488262 NE-940 (386 GL TOTE)		Grade GL	478.00 Potency			478.00		7.8966	3774.57	10/20/99
499514 FRW-14 (55 GL Drum)		Grade GL	13.00 Potency			13.00		9.4191	122.44	12/09/99
499520 ACIGEL (52 GL DR)	DR-01	Grade GL	208.00 Potency	BP	8.00	200.00		12.4797	2495.94	01/21/00
499528 OB-1 EMULSIFIER (5 gl Pail)	DR-29	Grade GL	Potency					7.6800		10/27/98
499571 FLC-42, 50 lb Bags	BP-13	Grade LB	Potency					.5497		05/25/99
499575 FERROTROL-200	BP-11	Grade LB	45.00 Potency			45.00		3.7514	168.81	06/14/99
499588 CSE (50 lb sack)	CS-1	Grade LB	565.00 Potency			565.00		.1513	85.48	06/16/99
499595 GW-22	BP-13	Grade LB	Potency					4.7000		08/20/99
499630 XLW-32 (55 GL DR)		Grade GL	Potency					4.1136		03/29/98
499634 ROL SEAL	BP-12	Grade LB	Potency					.0913		03/05/99
499641 IS-2 (55 GL DR)	DR-11	Grade GL	Potency					11.5735		11/01/99

P.15/18

7462235 TO 12813572585

FEB 11 '00 07:33 FR BJ ARTESIA

41530

BJ Services Company  
 STOCK STATUS  
 CHEMICAL INVENTORY - WIN ORDER  
 ALL CATEGORIES

Page : 15  
 Date : 2/07/00  
 Branch : ARTE

CHM . CPX

Chemical and Other Products Complexers

Item Number Description	Location/Lot	UM	On Hand	Held	Committed/ Selected/ Work Order	Available	On P.O./ On W.O.	Unit Cost	Extended Cost	Trans Date
499647 XLW-31 (55 GL DR)	DR-06	Grade	GL 37.00 Potency			37.00		8.8180	326.26	06/14/99
499648 S-8, SILICA FLOUR, SACKS		Grade	LB Potency					.0530		05/25/99
499650 BC-31 (55 GL DR)	DR-05	Grade	GL Potency					3.4996		10/27/98
499655 Delete CI-22 (55 GL DR) Use CI-27 or CI-14	DR-08	Grade	GL Potency 43.00			43.00		10.2162	439.29	09/28/99
499673 ULTRA PERM CRB	BP-16	Grade	LB Potency					17.4936		05/28/99
499680 STATIC FREE	BP-13	Grade	LB Potency 315.00		4.00	311.00		3.7939	1179.90	01/10/00
499684 LI-32 (55 GL DR)	DR-04	Grade	GL Potency 16.00		12.00	4.00	55.00	14.6240	58.49	08/20/99
499688 FERROTROL-800L (55 GL DR)	DR-03	Grade	GL Potency 110.00			110.00		5.3716	590.87	01/18/00
499690 NE-110W (55 GL DR)	DR-29	Grade	GL Potency					7.5700		10/27/98
499693 FRW-30 (55 GL DR)	DR-04	Grade	GL Potency					8.6932		08/24/99
499695 BA-10A	BP-14	Grade	LB Potency 395.00			395.00		1.0195	402.70	12/30/99
499705 ASA-301		Grade	LB Potency					3.2439		06/06/99
499712 GBW-33D	BP-12	Grade	LB Potency 562.00			562.00		4.8084	2702.32	06/14/99
499720 Econoprop, 20/40		Grade	LB Potency		50020.00	50020.00	130250.00	.2200	11004.40	02/01/00
499728 INTERPROP, 20/40		Grade	LB Potency 53160.00			53160.00		.2385	12678.66	05/28/98
499737 ACTIVATOR BORDEN, 55 GAL	DR-02	Grade	GL Potency 55.00			55.00		16.8000	924.00	01/21/00
499739 ACTIVATOR, SUPERSET W, 55 GA		Grade	GL Potency					11.7911		06/14/99

P.16/18

7462235 TO 12813572585

FEB 11 '00 07:33 FR BJ ARTESIA



41530

BJ Services Company  
 STOCK STATUS  
 CHEMICAL INVENTORY WITH ORDER  
 ALL CATEGORIES

Page : 16  
 Date : 2/07/00  
 Branch : ARTE

CHM . ACT

Chemical and Other Products

Activators (Chemical)

Item Number Description	Location/Lot	UM	On Hand	Held	Committed/ Selected/ Work Order	Available	On P.O./ On W.O.	Unit Cost	Extended Cost	Trans Date
499741 ACTIVATOR, SUPERSET 0.55 GA	DR-05	Grade GL	53.00		27.00	26.00	220.00	15.2500	396.50	06/23/99
499748 FAW-21 (55 GL DR)		Grade GL	Potency		24.00	24.00		7.3900	177.36	12/01/99
499754 FERROTROL-210	BP-11	Grade LB	50.00			50.00		5.0500	252.50	05/24/99
499760 Delete, Micro Seal		Grade LB	Potency					.2651		03/29/98
499760 Delete, use EC-1 400072		Grade GL	94.00			94.00		20.2500	1903.50	05/28/99
499778 XLK-22C (55 GL Drum)		Grade GL	Potency					9.0948		06/14/99
499778 FLO-BACK 20 (55 GL DR)		Grade GL	Potency					5.8656		06/14/99
499779 CI-14 (55 GL DR)		Grade GL	Potency					11.0067		
499783 SLA-48 (55 GL DR)		Grade GL	Potency					10.2090	1602.81	11/10/99
499789 FAW-4 (50 GL DR)	DR-04	Grade GL	157.00			157.00		12.4985	412.45	06/14/99
499793 E-2	DR-03	Grade GL	33.00			33.00		.3150		
499798 INTERPROP, 16/30		Grade LB	Potency					10.9184	3308.27	01/28/00
499808 CLAY MASTER-5C (55 GL DR)	DR-03	Grade GL	304.00		1.00	303.00		.8850		
499812 FERROTROL-800		Grade LB	Potency					.1070		
499815 Super TF, 20/40		Grade LB	Potency					.3300		
499817 CARBOPROP, 20/40		Grade LB	Potency					.3600		
499819 CARBO HSP, 20/40		Grade LB	Potency					.5650		
499825 PR-6000, 20/40		Grade LB	Potency							

P.17/18

7462235 TO 12813572585

FEB 11 '00 07:33 FR BJ ARTESIA

**Attachment 3**  
**Environmental Review Form**



## Environmental Review - District

Region: Permian Basin  
District: Artesia  
Reviewer: Rick  
Johnson/BJS/BJSERVICES  
Date of Review:

Key

2 - Up to Standard or Not Applicable  
1 - Could Use Some Improvement  
0 - Immediate Action Necessary

Facility Score

Total / 112 x 100 =

### 1. GENERAL CONDITIONS

#### RATING

- A. General condition of the yard
- B. Spills or leaks visible
- C. Knowledge of Environmental Practices Manual
- D. Knowledge of spill reporting procedures
- E. No open containers outside collecting water
- F. Stormwater discharge points free of oil, debris, etc.

TOTAL

### 2. MAINTENANCE (SHOP, WASH, RACK, FUEL, OIL)

#### RATING

- A. Fuel island area clean and free of spills
- B. Fuel and oil tanks properly labeled
- C. Area around oil tanks free of spills
- D. Fuel and oil tanks in secondary containment
- E. Secondary containment free of spills
- F. Shop drains free and clear
- G. General use lube area free of spills
- H. Parts cleaner waste being properly handled
- I. Used oil tank in secondary containment
- J. Secondary containment free of spills
- K. Used oil and filters being properly handled
- L. Used anti-freeze being properly handled
- M. Wash rack sumps being maintained
- N. Wash rack sludge being properly handled
- O. Wash water being properly managed
- P. Spill control and clean up material available

TOTAL

### 3. CHEMICAL STORAGE AREAS

#### RATING

- A. BJ labels on all drums, totes and buckets
- B. Drums on pallets
- C. Bungs in drums
- D. Drum inventory being rotated
- E. Condition of Drums
- F. Inventory Accessible
- G. Full buckets stored under cover
- H. UN specification buckets being used for hazardous materials
- I. Condition of dry chemical storage
- J. Partial bags stored properly

K. Like products stored together	
L. Overpack drums available (2-3)	
M. Spill control and clean-up equipment available	
	<b>TOTAL</b>

**4. PRODUCT BLENDING AREAS** **RATING**

A. Acid loading area clean and free of spills	
B. Acid tank containment viable (walls and bottom)	
C. Acid reclaim system in place	
D. Acid fume scrubber working properly	
E. Tanks, lines, valves and pumps working properly	
F. Chemical additive system properly working	
G. Dust collectors present and working properly (sand/cement)	
H. Bulk plant partial bags stored properly	
I. LFC area free of spills	
J. LFC Diesel tank in secondary containment	
K. Secondary containment free of spills	
L. Defoamer fill area free of spills	
M. Spill control and clean-up equipment available	
	<b>TOTAL</b>

**5. EMPTY DRUM MANAGEMENT** **RATING**

A. Drums being removed on a routine basis	
B. Drums stored on side with bungs	
C. Empty drums completely empty	
	<b>TOTAL</b>

**6. RECORDS** **RATING**

A. Environmental filing system in place and maintained	
B. Permits and registrations available	
C. Waste manifests filed	
D. Tank records in order	
E. Current SPCC plan available	
	<b>TOTAL</b>

Number of drums to be sampled for return to inventory or disposal:

**Total Score: 0.00 out of 112**

ITEM NO.	CORRECTIVE ACTION NEEDED	CORRECTIVE ACTION TAKEN

**Attachment 4**  
**Spill Prevention Control and Countermeasures Plan (incl. Contingency Plan)**

# **SPILL PREVENTION CONTROL AND COUNTERMEASURE PLAN**

**(Includes Contingency Plan)**

*Artesia, New Mexico*



**BJ SERVICES COMPANY, U.S.A.**

**January 6, 2000**

## Management Approval

Management has reviewed this SPCC Plan. The Plan has management's approval and will be implemented and periodically updated in accordance with 40 CFR 112 and applicable state requirements.

### District

Mike Wiggins  
Signature

Mike Wiggins  
Name

District Manager  
Title

1-21-2000  
Date

### Safety & Environmental Department

Jo Ann Cobb  
Signature

Jo Ann Cobb  
Name

Mgr. Env. Services  
Title

01-07-2000  
Date

## Engineer's Certification

I hereby certify that I have examined the SPCC Plan for BJ Services Company, U.S.A. Artesia, NM and found that it has been prepared in accordance with good engineering practices and meets the intent and objectives of 40 CFR 112 as amended.

[Signature]  
Signature, Registered Professional Engineer

Thomas Ray Starks II  
Name

68741 Texas  
Registration Number and State

20 Jan 2000  
Date



## Table of Contents

<b>1.0</b>	<b>Introduction .....</b>	<b>1</b>
1.1	Purpose .....	1
1.2	General Requirements .....	1
<b>2.0</b>	<b>Facility Operations .....</b>	<b>2</b>
2.1	Description of Facility Operations.....	2
2.2	Site Schematic Drawing .....	3
2.3	Oil Products Spill History.....	4
2.4	Facility Drainage.....	4
2.5	Storage Facilities .....	4
2.6	Description of Facility Transfer Operations .....	4
<b>3.0</b>	<b>Spill Prevention and Control Procedures.....</b>	<b>6</b>
3.1	Location and Description of Emergency Spill Response Supplies.....	6
3.2	Removal of Spills .....	6
3.3	Personnel Training.....	6
3.4	Storage Procedures .....	7
3.5	Transfer Operation Procedures .....	7
3.6	Security .....	8
3.7	Illumination .....	8
3.8	Inspection and Recording Activities.....	8
<b>4.0</b>	<b>Contingency Plan.....</b>	<b>10</b>
4.1	Emergency Response Action List.....	10
4.2	Emergency Procedures .....	10
4.3	Corrective Action .....	11
4.4	Spill Reporting and Documentation .....	11
	<b>Document Review History .....</b>	<b>13</b>

# **SPILL PREVENTION CONTROL AND COUNTERMEASURE PLAN**

**(Includes Contingency Plan)**

**BJ Services Company, USA**

---

**2401 Sivley  
Artesia, NM 88210**

## **1.0 INTRODUCTION**

### **1.1 Purpose**

The purpose of the Spill Prevention Control and Countermeasure (SPCC) Plan is to prevent the discharge of petroleum products into the waters of the United States. This will be accomplished by preventing spills and detailing clean up and recovery measures by focusing on prevention, point source control, emergency spill control, and secondary containment.

### **1.2 General Requirements**

This SPCC Plan must be reviewed at least once every three years to include recently developed prevention and control technology, if such technology will significantly reduce the likelihood of a spill event from the facility and if such technology has been field-proven at the time of the review, (40 CFR 112.5 [b]); certification is required by a registered professional engineer (40 CFR 112.5 [c]). A document review history form is included as the last page of this plan.

This SPCC Plan must be amended whenever there is a material change in facility design, construction, operations or maintenance that alters the potential for a petroleum product spill or whenever a facility has:

1. Discharged more than 1,000 gallons into navigable waters in a single spill event,
- or
2. Discharged petroleum products in harmful quantities into navigable waters in two reportable spill events within any 12-month period (40 CFR 112.4 and 40 CFR 112.5).

A copy of this SPCC Plan must be submitted to the EPA and the appropriate State agency after a spill meeting the criteria described in Items 1 or 2 occurs. When amendments to the SPCC Plan are directed by the EPA Administrator or the State, they must be implemented within six months. The provisions of this SPCC Plan will be immediately carried out whenever there is a fire, explosion or release that could threaten human health or the environment. Copies of this SPCC Plan and all revisions will be maintained at the Artesia, NM facility.

## **2.0 FACILITY OPERATIONS**

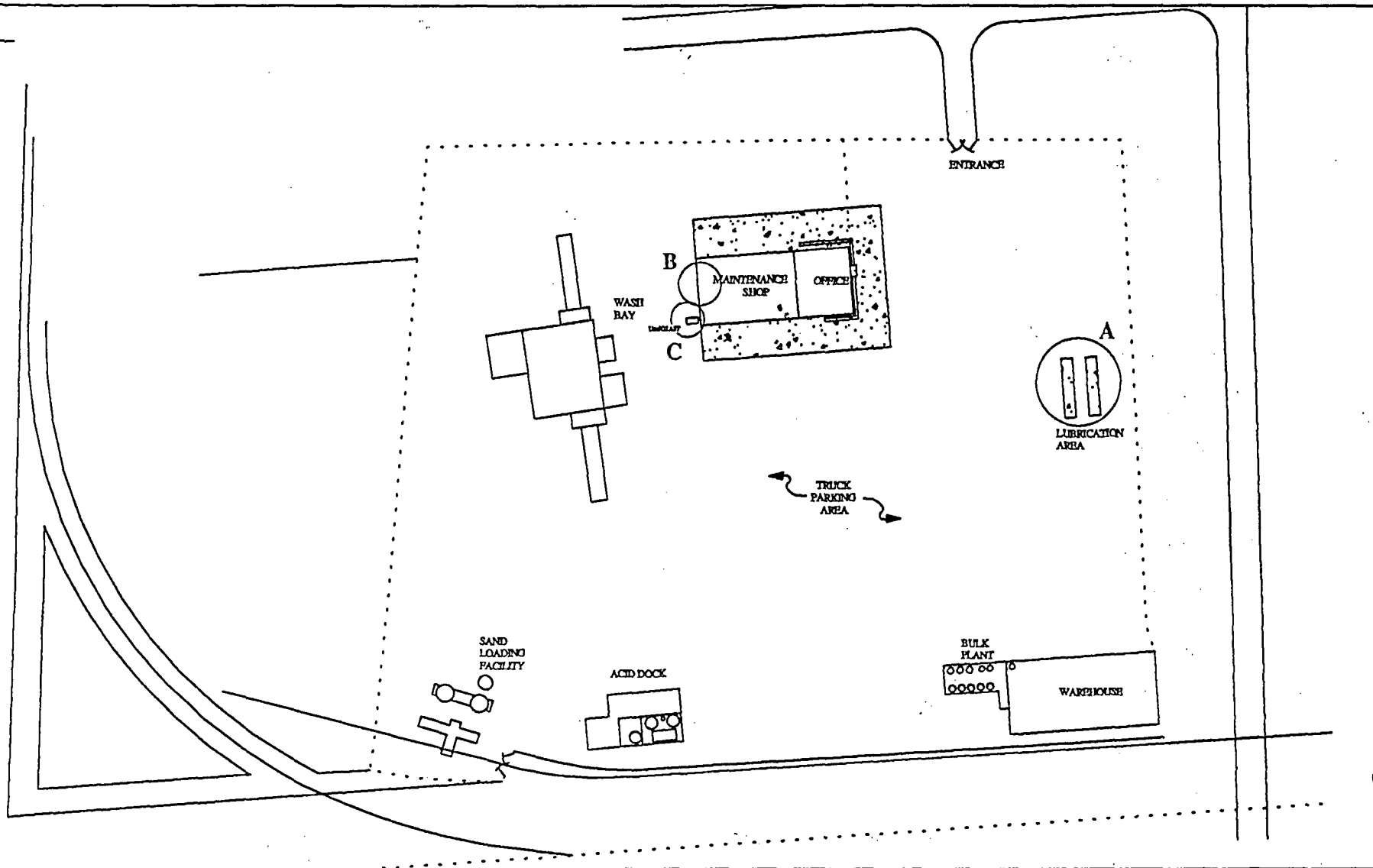
### **2.1 Description of Facility Operations**

BJ Services Company, USA, Artesia is an oil field service facility that operates 24 hours a day, 7 days a week. It engages in well fracturing, well acidizing, well cementing, truck maintenance, truck washing, fuel storage and dispensing, bulk sand storage and dispensing, cement storage and dispensing, chemical storage and dispensing, and bulk oil storage.

The facility consists of an office building, shop building, warehouse, general maintenance building, aboveground storage tanks, fuel dispensing equipment, truck wash water separator, truck wash rack, bulk cement facility and yard for truck parking and equipment storage.

#### **Site Data:**

- A. Name of Facility:** BJ Services Company, USA
- B. Type of Facility:** Oil Field Service Company
- C. Date of Initial Operation:** April 1995
- D. Facility Location:** 2401 Sivley  
Artesia, NM 88210
- E. Owner Name/Address:** BJ Services Company, USA  
5500 Northwest Central Drive  
Houston, TX 77092
- F. Operator Name/Address:** BJ Services Company, USA  
2401 Sivley  
Artesia, NM 88210
- G. EPA ID Number:** NMD000711515
- H. Name and Title of  
Spill Prevention  
Coordinator (SPC):** Perry Britton, Facility Supervisor
- I. District Manager:** Mike Wiggins



BJ Services Company, USA  
P.O. Box 4442 (77210-4442)  
5500 Northwest Central Drive  
Houston, Texas 77092

**Figure 1 : Site Layout Diagram - Artesia, New Mexico District**

Facility Address: 2401 Sivley Road  
Artesia, New Mexico

0 50 100  
  
SCALE: 1" = 100'

REVISION DATE:  
5/28/99

DRAWN BY:  
BC/RNJ

## 2.3 Oil Products Spill History

This facility has not experienced an oil products spill event as defined by 40 CFR 112 in its history of operations.

### Potential Spill Areas

Location	Container	Contents	Failure Type	Stored Amount	Containment
A	AST (5)	Various types and grades of motor oil	Tank Rupture or Line Leak	500 gallons each	Fiberglass Containment Pan
B	AST (6)*	Various types and grades of motor oil	Tank Rupture or Line Leak	500 gallons each	Fiberglass Containment Pan
C	AST	Used Oil	Tank Rupture or Line Leak	1,000 gallons	Fiberglass Containment Pan

\* On Concrete Foundations

UST—Underground Storage Tank

AST—Above Ground Storage Tank

## 2.4 Facility Drainage

Yard area drains to an area running from north to south (west of shop). Discharge leaves the facility at the middle of the south property line.

## 2.5 Storage Facilities

**Area A – Lubrication Area:** This area consists of five 500 gallon ASTs in a containment berm. This area is on the south part of the yard – mid way east to west. These tanks are inside a fiberglass containment pan.

**Area B – Maintenance Shop Area:** This area consists of six 500 gallon ASTs located inside along the north wall of the maintenance shop. The tanks are inside a fiberglass containment pan.

**Area C – Used Oil Tank Area:** This area consists of one 1,000 gallon AST located outside the north end of the shop building. This tank is inside a fiberglass containment pan.

## 2.6 Description of Facility Transfer Operations

### *TRANSFER OPERATIONS AND FREQUENCY*

**Area A:** Tanks loaded by outside vendor service truck (weekly)—Engine oil level is checked and filled from tank with air pump as needed.

**Area B:**

Tanks loaded by outside vendor service truck (weekly)—Engine oil level is checked and filled from tank with air pump as needed.

**Area C:**

Tank is filled via a pump and hoses from inside the maintenance shop on a daily basis. The tank is emptied on an as needed basis by a vendor service truck.



### **3.0 SPILL PREVENTION AND CONTROL PROCEDURES**

#### **3.1 Location and Description of Emergency Spill Response Supplies**

The facility is prepared to contain and recover a spill on-site. Supplies necessary for spill containment and recoveries are:

- ◆ Shovels to construct temporary berms and containment depressions
- ◆ Secondary containment/barrier materials that will be used to encircle a spill and prevent migration
- ◆ Sorbants such as mats, rags, socks and granules

This equipment is maintained by the Spill Prevention Coordinator and is located near Areas A and B. Personnel are prepared to use them properly during a spill event.

#### **3.2 Removal of Spills**

##### **Areas A and B**

The procedure for handling a spill is as follows:

- ◆ Barrier materials will be appropriately placed to keep spills from leaving the boundaries of the site and to keep material pooled.
- ◆ Absorbent materials will be placed on the spill as needed.
- ◆ Absorbent materials will be collected and placed into DOT approved drums.
- ◆ The drums will be transported by a licensed transporter to an approved disposal site.

#### **3.3 Personnel Training**

The facility is responsible for training its personnel in the operation and maintenance of equipment to prevent the discharge of oil products as required by 40 CFR 112 and 40 CFR Chapter 1, Subpart D. The training schedule will consist of frequent briefings with at least one briefing to assure adequate understanding of the SPCC Plan. The Spill Prevention Coordinator will maintain training records.

##### **Training will be scheduled for the following:**

- ◆ Initial assignment training for new employees

- ◆ Annual refresher training
- ◆ Special training sessions to be conducted for review of spill events or other events that trigger amendments to the SPCC Plan

**Training Program content:**

- ◆ Individual responsibility for plan implementation
- ◆ Identification of operations and areas of potential spills
- ◆ Spill prevention strategies
- ◆ Location of emergency response equipment
- ◆ Emergency procedures
- ◆ Spill control measures including operation of equipment to prevent discharges
- ◆ Emergency contacts and chain of command
- ◆ Corrective action procedures
- ◆ Record keeping
- ◆ SPCC Plan Modifications

**Response to a Spill:**

An employee who identifies a spill will take action to control the spill and then will notify the Spill Prevention Coordinator.

### **3.4 Storage Procedures**

No storage container will be used unless its material and its construction are compatible with the material stored and the conditions of storage such as pressure, temperature, corrosivity, as well as other compatibility considerations. All bulk storage tank installations will be constructed so that a secondary means of containment is provided for the entire contents of the largest single tank plus precipitation.

### **3.5 Transfer Operation Procedures**

All personnel of the BJ Services Company, USA Artesia shall ensure that the following

precautionary measures are taken during transfer procedures in all areas of the facility:

- ◆ No smoking in the vicinity of flammable and/or explosive tanks, drums or carrier vehicles.
- ◆ Transferring vehicle will set parking brake.
- ◆ Verify that the volume being transferred is less than the unfilled volume of the receiving container.
- ◆ Trained personnel will conduct and/or oversee the transfer operation.
- ◆ Clean up any material dripped or spilled during the transfer.

### **3.6 Security**

The facility operates 24 hours per day, 7 days per week. A trained dispatcher and a chain link security fence controls access to the facility 24 hours per day.

### **3.7 Illumination**

External lights on buildings and light poles located throughout the site light the work areas of the facility during the hours of darkness.

### **3.8 Inspection and Recording Procedures**

Facility reviews that include aspects of the facility's SPCC program are conducted at the facility on a regular basis. These facility reviews are conducted annually by the Corporate Safety and Environmental Group, at least semiannually by the Regional Safety and Training Manager, and periodically by the Spill Prevention Coordinator or his designee. The inspections will include potential spill sources such as:

- |                 |                               |
|-----------------|-------------------------------|
| ◆ Storage tanks | ◆ Piping and hoses            |
| ◆ Drums         | ◆ Separators                  |
| ◆ Containers    | ◆ Loading and unloading areas |

Aboveground tanks and assorted containers should be checked visually for tightness integrity. All aboveground valves and piping should be inspected regularly by operations personnel to determine their general condition.

Availability of spill response equipment and supplies will also be checked during these inspections. Deficiencies will be reported to the Spill Prevention Coordinator.

The Spill Prevention Coordinator will maintain inspection records. Completed inspection records will be maintained in the facility environmental files for a period of three years.

## 4.0 CONTINGENCY PLAN

### 4.1 Emergency Response Action List

#### District Manager

Mike Wiggins

2008 Bullock

Artesia, NM 88210

(w) (505) 746-3140

(h) (505) 748-3687

#### Spill Prevention Coordinator

Perry Britton

16 Randy Drive

Artesia, NM 88210

(w) (505) 746-3140

(h) (505) 365-2498

Fire Department.....911

Ambulance.....911

Physician.....911

Hospital.....911

Clean-up Contractor .....CURA Emergency Services (CES)  
.....1-800-579-2872

Law Enforcement .....911 – POLICE

#### BJ Services Company, USA – Manager of Environmental Services

Jo Ann Cobb .....(w) 281/357-2572

### 4.2 Emergency Procedures

During an emergency, the Spill Prevention Coordinator will take all reasonable measures necessary to ensure that fires, explosions and releases do not occur, recur or spread to other areas of the facility. Those measures must include, where applicable, stopping processes and operations and collecting and containing spill material. If the facility stops operations in response to a fire, explosion or release, the Spill Prevention Coordinator must monitor for leaks, pressure buildup or ruptures in valves, pipes or other equipment, wherever this is appropriate.

## **Response to Spills**

The facility employees will be made aware of the need to report all spills, with the exception of minor spills or drips. When observing a spill, personnel on the scene will immediately notify the Spill Prevention Coordinator and take emergency remedial action to mitigate the damage.

### **4.3 Corrective Action**

If a significant spill or other event occurs, a meeting that includes all relevant personnel will be held to discuss causes of the situation, remedial activities and preventative measures. The meeting will be documented and the SPCC Plan amended as necessary. Personnel will receive additional training as necessary to prevent future incidents and to review SPCC Plan revisions.

### **4.4 Spill Reporting and Documentation**

The Facility Spill Prevention Coordinator is responsible for all reporting and documentation procedures. Spills entering the drainage ditches that are located on the sides of the facility in harmful quantities as defined by 40 CFR 110.3 are required to be reported under 40 CFR 110.10. The facility will document for its own records all spills onto its site with the exception of minor spills and drips. Spill reporting and documentation procedures are as follows:

- ◆ The Spill Prevention Coordinator, when notified that a spill has occurred, will complete a BJ Spill Report Form in Lotus Notes.
- ◆ If it is determined by the Spill Prevention Coordinator that the spill has entered off-site ditches, the Coordinator will proceed with the following report procedures:

Notify BJ Services Company, USA Safety & Environmental Department:

Jo Ann Cobb 281/357-2572  
11211 FM 2920  
Tomball, TX 77375

- ◆ BJ Services Company, USA Environmental Department will contact state and federal agencies and will submit the written spill documentation information.
  1. Notify and file a copy of the spill documentation form with the New Mexico Environment Department.

New Mexico Environment Department 505/827-9329  
1190 St. Francis Drive, Harold Runnels Building  
P.O. Box 26110  
Santa Fe, New Mexico 87502-6110

2. Call the National Response Center and report that a spill has occurred.
3. Notify and file a copy of the spill documentation form with the Environmental Protection Agency.

**EPA Region VI**

**(214) 655-6444**

1445 Ross Avenue, Suite 1200  
Dallas, TX 75202-2733



## Spill Prevention, Control and Countermeasures Document Review History

In accordance with 40 CFR 112.5(b), a review and evaluation of this SPCC Plan is conducted at least once every three years. As a result of this review and evaluation, BJ Services Company, USA will amend the SPCC Plan within six months of the review. A Professional Engineer will certify any amendment to the SPCC Plan.

Review Date	Amendment of SPCC Plan Necessary? (Yes or No)	Description of Changes Necessary	Reviewed By (Printed Name and Title)	Signature

**Attachment 5**  
**Closure/Compliance Information**



NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT

Jennifer A. Salisbury  
CABINET SECRETARY

Oil Conservation Div.  
Environmental Bureau  
2040 S. Pacheco  
Santa Fe, NM 87505

## Memorandum of Meeting or Conversation

Telephone X

### Personal

**E-Mail** X

**Time: 10am**

**Date:** January 10, 2000

**Originating Party:** Wayne Price-OCD

**Other Parties:** Jo Ann Cobb- BJ Services Tele: 281-357-2572, Fax 281-357-2585, E-mail jcobb@bjservices.com

**Subject: Discharge Plan Renewal Notice for the following Facilities:**

GW-190	Artesia Yard	expires	06/13/2000
--------	--------------	---------	------------

GW-	Name	expires
1	John Doe	2023-12-31
2	Jane Smith	2024-06-30
3	Bob Johnson	2025-03-15
4	Alice Brown	2026-09-01
5	Charlie Davis	2027-01-20
6	Eve White	2028-05-10
7	Frank Green	2029-11-05
8	Grace Black	2030-07-25
9	Henry Blue	2031-02-18
10	Ivy Gold	2032-08-03
11	Jack Silver	2033-04-12
12	Karen Copper	2034-10-27
13	Leo Iron	2035-06-14
14	Mia Zinc	2036-12-01
15	Noah Nickel	2037-08-19
16	Olivia Tin	2038-03-08
17	Peter Lead	2039-09-23
18	Quinn Platinum	2040-05-11
19	Rachel Gold	2041-11-26
20	Sam Silver	2042-07-13
21	Tina Copper	2043-02-28
22	Umar Iron	2044-08-16
23	Victor Zinc	2045-04-04
24	Wendy Nickel	2046-10-19
25	Xavier Tin	2047-06-07
26	Yara Lead	2048-12-22
27	Zoe Platinum	2049-08-10
28	Adam Gold	2050-03-25
29	Bella Silver	2051-09-09
30	Carl Copper	2052-05-24
31	Diana Iron	2053-11-11
32	Ethan Zinc	2054-07-29
33	Fiona Nickel	2055-03-17
34	Gavin Tin	2056-09-02
35	Helen Lead	2057-05-18
36	Ian Platinum	2058-11-03
37	Jane Gold	2059-07-19
38	Kyle Silver	2060-03-06
39	Laura Copper	2061-09-21
40	Mark Iron	2062-05-09
41	Nancy Zinc	2063-11-24
42	Oscar Nickel	2064-07-12
43	Pamela Tin	2065-03-27
44	Quinn Lead	2066-09-14
45	Rachel Platinum	2067-05-01
46	Sam Gold	2068-11-16
47	Tina Silver	2069-07-04
48	Umar Copper	2070-02-19
49	Victor Iron	2071-08-06
50	Wendy Zinc	2072-04-21
51	Xavier Nickel	2073-10-08
52	Yara Tin	2074-06-23
53	Zoe Lead	2075-02-10
54	Adam Platinum	2076-08-25
55	Bella Gold	2077-04-12
56	Carl Silver	2078-10-27
57	Diana Copper	2079-06-14
58	Ethan Iron	2080-12-01
59	Fiona Zinc	2081-07-18
60	Gavin Nickel	2082-03-05
61	Helen Tin	2083-09-20
62	Ian Lead	2084-05-07
63	Jane Platinum	2085-11-22
64	Kyle Gold	2086-07-09
65	Laura Silver	2087-03-24
66	Mark Copper	2088-09-11
67	Nancy Iron	2089-05-28
68	Oscar Zinc	2090-11-15
69	Pamela Nickel	2091-07-03
70	Quinn Tin	2092-02-18
71	Rachel Lead	2093-08-05
72	Sam Platinum	2094-04-20
73	Tina Gold	2095-10-07
74	Umar Silver	2096-06-22
75	Victor Copper	2097-02-09
76	Wendy Iron	2098-08-24
77	Xavier Zinc	2099-04-11
78	Yara Nickel	2100-10-26
79	Zoe Tin	2101-06-13
80	Adam Lead	2102-12-28
81	Bella Platinum	2103-08-15
82	Carl Gold	2104-04-02
83	Diana Silver	2105-10-17
84	Ethan Copper	2106-06-04
85	Fiona Iron	2107-12-19
86	Gavin Zinc	2108-08-06
87	Helen Nickel	2109-04-21
88	Ian Tin	2110-10-08
89	Jane Lead	2111-06-23
90	Kyle Platinum	2112-02-10
91	Laura Gold	2113-08-25
92	Mark Silver	2114-04-12
93	Nancy Copper	2115-10-27
94	Oscar Iron	2116-06-14
95	Pamela Zinc	2117-12-01
96	Quinn Nickel	2118-07-18
97	Rachel Tin	2119-03-05
98	Sam Lead	2120-09-20
99	Tina Platinum	2121-05-07
100	Umar Gold	2122-11-22

GW-	Name	expires
1	...	...
2	...	...
3	...	...
4	...	...
5	...	...
6	...	...
7	...	...
8	...	...
9	...	...
10	...	...
11	...	...
12	...	...
13	...	...
14	...	...
15	...	...
16	...	...
17	...	...
18	...	...
19	...	...
20	...	...
21	...	...
22	...	...
23	...	...
24	...	...
25	...	...
26	...	...
27	...	...
28	...	...
29	...	...
30	...	...
31	...	...
32	...	...
33	...	...
34	...	...
35	...	...
36	...	...
37	...	...
38	...	...
39	...	...
40	...	...
41	...	...
42	...	...
43	...	...
44	...	...
45	...	...
46	...	...
47	...	...
48	...	...
49	...	...
50	...	...
51	...	...
52	...	...
53	...	...
54	...	...
55	...	...
56	...	...
57	...	...
58	...	...
59	...	...
60	...	...
61	...	...
62	...	...
63	...	...
64	...	...
65	...	...
66	...	...
67	...	...
68	...	...
69	...	...
70	...	...
71	...	...
72	...	...
73	...	...
74	...	...
75	...	...
76	...	...
77	...	...
78	...	...
79	...	...
80	...	...
81	...	...
82	...	...
83	...	...
84	...	...
85	...	...
86	...	...
87	...	...
88	...	...
89	...	...
90	...	...
91	...	...
92	...	...
93	...	...
94	...	...
95	...	...
96	...	...
97	...	...
98	...	...
99	...	...
100	...	...

GW-	Name	expires
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9
10	10	10
11	11	11
12	12	12
13	13	13
14	14	14
15	15	15
16	16	16
17	17	17
18	18	18
19	19	19
20	20	20
21	21	21
22	22	22
23	23	23
24	24	24
25	25	25
26	26	26
27	27	27
28	28	28
29	29	29
30	30	30
31	31	31
32	32	32
33	33	33
34	34	34
35	35	35
36	36	36
37	37	37
38	38	38
39	39	39
40	40	40
41	41	41
42	42	42
43	43	43
44	44	44
45	45	45
46	46	46
47	47	47
48	48	48
49	49	49
50	50	50
51	51	51
52	52	52
53	53	53
54	54	54
55	55	55
56	56	56
57	57	57
58	58	58
59	59	59
60	60	60
61	61	61
62	62	62
63	63	63
64	64	64
65	65	65
66	66	66
67	67	67
68	68	68
69	69	69
70	70	70
71	71	71
72	72	72
73	73	73
74	74	74
75	75	75
76	76	76
77	77	77
78	78	78
79	79	79
80	80	80
81	81	81
82	82	82
83	83	83
84	84	84
85	85	85
86	86	86
87	87	87
88	88	88
89	89	89
90	90	90
91	91	91
92	92	92
93	93	93
94	94	94
95	95	95
96	96	96
97	97	97
98	98	98
99	99	99
100	100	100

**WQCC 3106.F.** If the holder of an approved discharge plan submits an application for discharge plan renewal at least 120 days before the discharge plan expires, and the discharger is not in violation of the approved discharge plan on the date of its expiration, then the existing approved discharge plan for the same activity shall not expire until the application for renewal has been approved or disapproved. A discharge plan continued under this provision remains fully effective and enforceable. An application for discharge plan renewal must include and adequately address all of the information necessary for evaluation of a new discharge plan. Previously submitted materials may be included by reference provided they are current, readily available to the secretary and sufficiently identified to be retrieved. [12-1-95]

**Discussion:** Left Message on Voice Mail: Discussed WQCC 3106F and gave notice to submit Discharge Plan renewal application with \$50.00 filing fee for the above listed facilities.

### ~~Conclusions or Agreements:~~

**Signed:**

CC: E-Mail + JAY

State of New Mexico  
**ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT**  
Santa Fe, New Mexico 87505



RECEIVED  
JAN 30 1994

REAL ESTATE AND  
FACILITIES CONSTRUCTION

January 26, 1995

**CERTIFIED MAIL**  
**RETURN RECEIPT NO. P-765-962-811**

Mrs. Angela Hardy  
Environmental Coordinator  
The Western Company  
515 Post Oak Blvd.  
Suite 915  
Houston, TX 77027-9407

**RE: Discharge Plan Requirement**  
**Artesia Facility**  
**Eddy County, New Mexico**

Dear Mrs. Hardy:

Under the provision of the Water Quality Control Commission (WQCC) Regulations, you are hereby notified that the filing of a discharge plan is required for the Artesia Facility located in Eddy County, New Mexico.

The notification of discharge plan requirement is pursuant to Section 3-104 and 3-106 of the WQCC regulations. The discharge plan, defined in Section 1.101.P of the WQCC regulations should cover all discharges of effluent or leachate at the facility site or adjacent to the facility site. Included in the plan should be plans for controlling spills and accidental discharges at the facility, including detection of leaks in buried underground tanks and/or piping.

Pursuant to Section 3-106.A, a discharge plan should be submitted for approval to the OCD Director within 120 days of receipt of this letter. Three copies of the discharge plan should be submitted.

**VILLAGRA BUILDING - 408 Galisteo**

Forestry and Resources Conservation Division  
P.O. Box 1948 87504-1948  
827-5830

Park and Recreation Division  
P.O. Box 1147 87504-1147  
827-7465

**2040 South Pacheco**

Office of the Secretary  
827-5950

Administrative Services  
827-5925

Energy Conservation & Management  
827-5900

Mining and Minerals  
827-5970

Oil Conservation  
827-7131

Mrs. Angela Hardy  
January 26, 1995  
Page 2

A copy of the regulations have been provided for your convenience. Also provided was an OCD guideline for the preparation of discharge plans at oil & gas service companies. The guideline addresses berming of tanks, curbing and paving of process areas susceptible to leaks or spills and the disposition of any solid wastes.

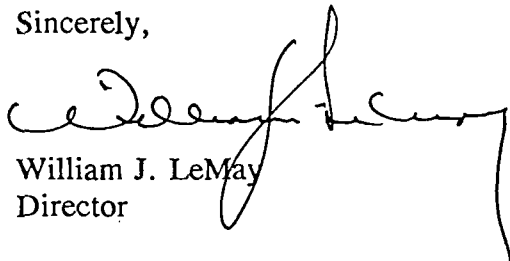
The discharge plan is subject to the WQCC Regulation 3-114 discharge plan fee. Every billable facility submitting a discharge plan will be assessed a fee equal to the filing fee of fifty (50) dollars plus the flat rate of one thousand, three hundred and eighty (\$1380) dollars for oil & gas service companies. The fifty (50) dollar filing fee is due when the discharge plan is submitted. The flat rate fee is due upon approval of the discharge plan.

Please make all checks payable to: NMED Water Quality Management and addressed to the OCD Santa Fe office.

(505)

If there are any questions on this matter, please feel free to contact Mark Ashley at 827-7155 or Roger Anderson at 827-7152.

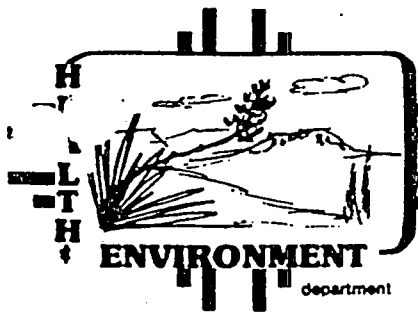
Sincerely,



William J. LeMay  
Director

WJL/mwa

XC: OCD Artesia Office



**STATE OF NEW MEXICO**

**ENVIRONMENTAL IMPROVEMENT DIVISION**

P.O. Box 968, Santa Fe, New Mexico 87503  
(505) 827-5271

Russell F. Rhoades, Director  
AIR QUALITY BUREAU

Bruce King  
GOVERNOR

George S. Goldstein, Ph.D.  
SECRETARY

Larry J. Gordon, M.S., M.P.H.  
DEPUTY SECRETARY

June 25, 1982

CERTIFIED MAIL NO. 894254  
RETURN RECEIPT REQUESTED

Mr. Vern Sorgee  
Environmental Compliance Specialist  
The Western Company of North America  
P.O. Box 186  
Fort Worth, TX 76101

RE: Permit # 313-M-1 - Modification - The Western Company of North America  
Artesia, New Mexico

Dear Mr. Sorgee;

This letter constitutes a permit pursuant to New Mexico Air Quality Control Regulation 702 for the Western Company of North America to modify its sand and hydrochloric acid storage facility located in Artesia, New Mexico. This permit is issued only for the facility and operational specifications defined in the permit application which was received by this Bureau on May 12, 1982 and deemed complete on May 25, 1982.

The estimated maximum air pollutant emissions from the operation of this sand and hydrochloric acid storage facility are 18 pounds per hour of particulate matter and 4.5 pounds per hour of hydrochloric acid vapours.

The permit application has been evaluated by the Air Quality Bureau for compliance with applicable New Mexico Air Quality Control Regulations, the New Mexico Air Quality Control Act, and both New Mexico and federal ambient air quality standards. There are no federal New Source Performance Standards promulgated for this type of facility. As a result it appears that the construction and subsequent operation of the proposed facility will meet all applicable state and federal air pollution control emission regulations and the dispersed air pollutant emissions will not exceed any state or federal ambient air quality standards.

The permit is issued under the following specific conditions, and general conditions (attached):

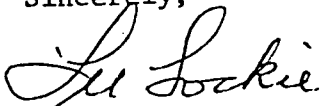
1. The sand storage facility to be constructed at this facility shall consist of two elevated steel silos 1.25 million pounds each and one 400,000 pound capacity sand storage silo. The hydrochloric acid storage shall consist of one elevated steel, rubber-lined storage tank of 25,000 gallon capacity.

Mr. Vern Sorgee  
June 25, 1982  
Page 2

2. The hydrochloric acid storage facility shall be equipped with an acid vapour scrubber which will be operated at all times during the loading and unloading of the acid.
3. Reasonable measures shall be used wherever and whenever necessary to suppress fugitive particulate matter emissions related to the loading and unloading operations. Visible emissions from fugitive dust emissions shall not exceed 20 per cent opacity.
4. The permittee is authorized to operate this source 8 hours per day, 365 days per year.
5. A performance test for this facility is waived and an inspection by this department shall be made after the facility is put into operation.

If you have any questions regarding this permit or the conditions under which it has been issued, please contact me or Mr. Arun K. Dhawan.

Sincerely,



Lee Lockie  
Chief

LL:AKD:lo

cc: Bruce Nicholson *BN*  
Arun K. Dhawan  
A. S. Shankar *AS*  
David Duran *DD*  
John Guinn, Env. Mgr., Roswell



General Permit Conditions

1. The permittee shall notify the department of the anticipated date of initial startup within thirty days of startup and shall notify the department of the actual date of initial startup within 15 days after startup.
2. The permittee shall notify the department if it intends to shut down the facility for one year or more within fifteen days after shut down. The permittee shall also notify the department of the date that the facility again commences operation within fifteen days thereon.
3. If construction is not commenced within one year from the date of issuance, or if during construction work is suspended for a total of one year, the department may cancel this permit.
4. This permit and conditions shall apply in the event of any change in control or ownership of this facility. In the event of any such change in control or ownership, the permittee shall notify in writing the succeeding owner of the existence of this permit and shall forward a copy of such letter to the department.
5. If any changes to the plant design or operation are desired by the permittee, including the amount or quality of the fuel used in the engine that may increase air contaminant emissions, such changes shall be proposed to the department for a determination as to whether a permit to modify is required prior to carrying out such changes.
6. The permittee shall retain records of all information resulting from monitoring activities and information indicating operating parameters as specified in the specific conditions of this permit for a minimum of two years from the recording date.



**STATE OF NEW MEXICO**

**ENVIRONMENTAL IMPROVEMENT DIVISION**  
P.O. Box 968, Santa Fe, New Mexico 87503  
(505) 827-5271

Thomas E. Baca, M.P.H., Director  
AIR QUALITY BUREAU

**Bruce King**  
GOVERNOR

George S. Goldstein, Ph.D.  
SECRETARY

Larry J. Gordon, M.S., M.P.H.  
DEPUTY SECRETARY

May 26, 1980

CERTIFIED MAIL NO.6678789  
RETURN RECEIPT REQUESTED

Ms. Kay Lamb, Legal Assistant  
The Western Company of North America  
P.O. Box 186  
Fort Worth, Texas 76101

RE: Cement Blending Plant at Artesia, Application No. 313

Dear Ms. Lamb:

Your permit application requesting permission to construct a cement blending plant at Artesia, New Mexico has been reviewed by the Air Quality Engineering Review Unit.

The results of the review show that neither a permit nor a certificate of registration is required under New Mexico Air Quality Regulations No. 702 and No. 703.

We appreciate your efforts to comply with the New Mexico Air Quality Act and Regulations.

Sincerely,

*David O. Quintana*

David O. Quintana, P.E.  
Air Quality Engineering Section

DOQ:lo

cc: Ken Hargis/David Duran  
Don Tryk  
John Guinn, Env. Mgr., Roswell





## Affidavit of Publication

NO. 16880

STATE OF NEW MEXICO

County of Eddy:

Gary D. Scott being duly

sworn, says: That he is the Publisher of The  
Artesia Daily Press, a daily newspaper of general  
circulation, published in English at Artesia, said county  
and county and state, and that the here to attached

### Legal Notice

was published in a regular and entire issue of the said  
Artesia Daily Press, a daily newspaper duly qualified  
for that purpose within the meaning of Chapter 167 of  
the 1937 Session Laws of the state of New Mexico for  
1 consecutive weeks/days on the same

day as follows:

First Publication March 9 2000

Second Publication \_\_\_\_\_

Third Publication \_\_\_\_\_

Fourth Publication \_\_\_\_\_

Gary D. Scott

Subscribed and sworn to before me this

9th day of March 2000

Barbara Ann Boans  
Notary Public, Eddy County, New Mexico

My Commission expires September 23, 2003

## Copy of Publication:

Mexico service yard located in the SE/4, SE/4 of Section 32, Township 16 South, Range 26 East, NMPM, Eddy County, New Mexico. Site generated waste will be disposed of off-site at an approved OCD facility. Groundwater most likely to be affected in the event of an accidental discharge is at a depth of approximately 15 feet with a total dissolved solids content ranging from 22mg/l to 180 mg/l. The renewal application consist of methods and procedures for handling products, waste, waste water management, and site groundwater investigation/remediation plans.

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan application may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and a public hearing may be requested by any interested person. Request for a public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is significant public interest.

If no public hearing is held, the Director will approve or disapprove the proposed plan based on information available. If a public hearing is held, the director will approve or disapprove the proposed plan based on information in the plan and information submitted at the hearing.

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this Third (3rd) day of March, 2000.

STATE OF NEW MEXICO  
OIL CONSERVATION  
DIVISION

s-Lori Wrotenbery, Director

SEAL  
Published in the Artesia Daily  
Press, Artesia, N.M. March 9,  
2000.

Legal 16880

### LEGAL NOTICE

NOTICE OF PUBLICATION  
STATE OF NEW MEXICO  
ENERGY, MINERALS AND  
NATURAL RESOURCES  
DEPARTMENT  
OIL CONSERVATION DIVI-  
SION

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations, the following discharge plan application has been submitted to the Director of the Oil Conservation Division, 2040 South Pacheco, Santa Fe, New Mexico 87505. Telephone (505) 827-7131.

(GW-190) BJ Services Company, Jo Ann Cobb, Manager of Environmental Services, 11211 FM 2920, Tomball, Texas, 77375, has submitted a renewal application for the previously approved discharge plan for the Artesia, New

OK - cc [signature]

**NOTICE OF PUBLICATION**

**STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION**

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations, the following discharge plan application has been submitted to the Director of the Oil Conservation Division, 2040 South Pacheco, Santa Fe, New Mexico 87505, Telephone (505) 827-7131:

**(GW-190) BJ Services Company, Jo Ann Cobb, Manager of Environmental Services, 11211 FM 2920, Tomball, Texas, 77375, has submitted a renewal application for the previously approved discharge plan for the Artesia, New Mexico service yard located in the SE/4, SE/4 of Section 32, Township 16 South, Range 26 East, NMPM, Eddy County, New Mexico. Site generated waste will be disposed of off-site at an approved OCD facility. Groundwater most likely to be affected in the event of an accidental discharge is at a depth of approximately 15 feet with a total dissolved solids content ranging from 22mg/l to 180 mg/l. The renewal application consist of methods and procedures for handling products, waste, waste water management, and site groundwater investigation/remediation plans.**

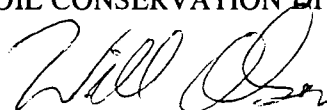
Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan application may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and a public hearing may be requested by any interested person. Requests for a public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is significant public interest.

If no public hearing is held, the Director will approve or disapprove the proposed plan based on information available. If a public hearing is held, the director will approve or disapprove the proposed plan based on information in the plan and information submitted at the hearing.

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this Third (3rd) day of March, 2000.

**STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION**

**S E A L**

  
for **LORI WROTENBERY, Director**

ACKNOWLEDGEMENT OF RECEIPT  
OF CHECK/CASH

I hereby acknowledge receipt of check No.                      dated 2/11/00,  
or cash received on                      in the amount of \$ 50<sup>00</sup>  
from BJ SERVICES COMPANY USA  
for ARTESIA GW-190

Submitted by: WAYNE PRICE (Facility Name) Date: 2/17/00 (DP No.)

Submitted to ASD by: Wayne R Date: "

Received in ASD by:                      Date:                     

Filing Fee ☒ New Facility ☐ Renewal ☐

Modification ☐ Other ☐

Organization Code 521.07 Applicable FY 2000

To be deposited in the Water Quality Management Fund.

Full Payment ☐ or Annual Increment ☐

BJ SERVICES COMPANY, USA  
Safety/Envr. Petty Cash  
8701 NEW TRAILS DR.  
THE WOODLANDS, TX 77381

2/11/00 35-1787/1130

Pay to the order of State of New Mexico \$ 50.00  
Fifty and no/100 Dollars

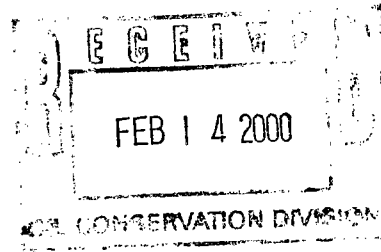
WELLS FARGO BANK

Discharge Plan  
For Renewal filing fee John W. Harrison



February 11, 2000

CERTIFIED MAIL NO. P 414 630 944  
RETURN RECEIPT REQUESTED



Mr. Wayne Price  
State of New Mexico  
Energy, Minerals, and Natural Resources Department  
Oil Conservation Division  
2040 South Pacheco  
Santa Fe, NM 87505

RE: Discharge Plan Renewal Application; GW-190  
BJ Services Company, USA Artesia, New Mexico Facility

Dear Mr. Price:

Enclosed is the original and one copy of a Discharge Plan Renewal Application for the BJ Services Company, USA facility in Artesia, New Mexico and the required \$50.00 filing fee.

If you have any questions, or need additional information regarding these activities, feel free to contact me at (281) 357-2573.

Sincerely,

  
Rick N. Johnson, REM  
Environmental Specialist

Enclosure (original and one copy)

c: Mike Wiggins, BJ Services Company, USA (w/ 1 copy of enclosure)  
NMOCD Artesia Office; 811 South First Street; Artesia, NM 88210 (1 copy of enclosure)

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 South First, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Oil Conservation Division  
2040 South Pacheco  
Santa Fe, NM 87505

Revised March 17, 1999

Submit Original  
Plus 1 Copy  
to Santa Fe  
1 Copy to Appropriate  
District Office

**DISCHARGE PLAN APPLICATION FOR SERVICE COMPANIES, GAS PLANTS,  
REFINERIES, COMPRESSOR, AND CRUDE OIL PUMP STATIONS**

(Refer to the OCD Guidelines for assistance in completing the application)

☐ New ☒ Renewal ☐ Modification

1. Type: Cementing, acidizing, and high pressure pumping services for oil and gas wells
2. Operator: BJ Services Company, USA  
Address: 2401 Sivley, Artesia, NM 88210  
Contact Person: Jo Ann Cobb Phone: 281-357-2572
3. Location: SE /4 SE /4 Section 32 Township 16S Range 26R  
Submit large scale topographic map showing exact location.
4. Attach the name, telephone number and address of the landowner of the facility site.
5. Attach the description of the facility with a diagram indicating location of fences, pits, dikes and tanks on the facility.
6. Attach a description of all materials stored or used at the facility.
7. Attach a description of present sources of effluent and waste solids. Average quality and daily volume of waste water must be included.
8. Attach a description of current liquid and solid waste collection/treatment/disposal procedures.
9. Attach a description of proposed modifications to existing collection/treatment/disposal systems.
10. Attach a routine inspection and maintenance plan to ensure permit compliance.
11. Attach a contingency plan for reporting and clean-up of spills or releases.
12. Attach geological/hydrological information for the facility. Depth to and quality of ground water must be included.
13. Attach a facility closure plan, and other information as is necessary to demonstrate compliance with any other OCD rules, regulations and/or orders.

14. CERTIFICATION I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

Name: Jo Ann Cobb Title: Mgr. Env. Services  
Signature: Jo Ann Cobb Date: 02-11-00



**4. Name and Address of the Landowner of the Site:**

BJ Services Company  
5500 Northwest Central Drive  
Houston, Texas 77092  
(713) 462-4239

**5. Facility Description and Diagram**

BJ Services Company, USA (BJ Services – Artesia District) provides cementing, acidizing, and high pressure pumping services to oil and gas well operators in the Artesia, New Mexico area. The principal materials stored and utilized in the servicing operations at the wellhead include: hydrochloric acid, cement, sand, and liquid and dry chemical additives. A facility location map and an updated facility diagram are presented as Attachment 1.

**6. Materials Stored**

Materials stored at the BJ Services – Artesia District include hydrochloric acid, various grades and types of sand, various types of cement and cement additives, drummed liquid chemicals used for fracturing and acidizing blends, and dry additives used for cement blends. Categories of chemicals stored at the facility include breakers, corrosion and scale inhibitors, extenders, surfactants, cleaning agents, activators, propants, retarders, salts, scale control agents, loss control agents, and paraffin control agents. A current inventory list of chemicals used at the Artesia, NM district is attached to this document as Attachment 2.

**7&8. Current Effluent and Waste Stream Collection, Treatment, and Disposal Procedures**

- Truck Wash – The truck wash water generated at the truck wash bay as a result of washing the truck wash exterior is made of three components: water, inert solids, and oil. When the water is separated, the water is recycled and reused in the truck washing system. The oil is reclaimed and is removed by E & E Enterprises approximately twice per month. The inert solids are removed on an as needed basis by Controlled Recovery, Inc. After the recycled water becomes unusable, it is transferred to an aboveground reclaim system and used to perform acid jobs.
- Cement – Approximately 45,000 pounds per month of excess cement from well servicing activity is collected and stored in an upright silo until it is returned to Southwest Portland Cement by Schwerman Transportation for reuse.
- Empty Drums – Approximately 2000 drums per year are generated from used of BJ chemicals. They are stored at the facility and periodically picked up by a BJ or contract driver and taken to West Texas Drum in Odessa, Texas.

- Domestic Trash – Trash generated by normal operations from the office and site buildings is placed into dumpsters and picked up by trash trucks. The contents are taken to the city landfill.
- Domestic Wastewater – The wastewater generated from sinks, showers, and restrooms is treated by an on-site septic system and discharge to a drain field.
- Acidic Wastewater – Dilute unused acid mixtures from the well site are contained in the service vehicles. When another job is called in, the job is “loaded on top” of the previous acid mixture. If the acid must be removed from the service vehicle, it is placed into an “Acid Reclaim Tank” and is used in loading the next acid job.
- Used Motor Oil – Used motor oil is placed into an aboveground storage tank and is removed by E&E Enterprises for recycling on an as needed basis.
- Spent Solvent – Solvent used for washing truck and equipment parts is re-circulated in the parts washing system. The drum of used solvent is removed and replaced on an as needed basis by Safety Kleen Corporation. BJ Services uses the non-hazardous solvent to avoid disposing of a hazardous waste.
- Used Tires – Worn tires are replaced and removed on an as needed basis by Forest Tire in Carlsbad.
- Used Batteries – Used batteries are replaced and removed on an as needed basis by Interstate Battery Company.
- Used Oil Filters – Used oil filters are placed in 55-gallon open top drums and removed by E&E Enterprises for recycling on an as needed basis.
- Used Antifreeze – Used antifreeze is removed by E&E Enterprises for recycling on an as needed basis.
- Scrap Metal – Scrap metal generated from various truck repair and well maintenance/servicing is collected in a scrap metal bin. Approximately 5,000 pounds per year is picked up by Artesia Metal and Supply for recycling.
- Truck Maintenance Area – The truck maintenance area floor drain collects floor rinsate, solids, and oil that drain into a sump. This sump is cleaned out and the material is disposed of by Controlled Recovery, Inc.

**9. Proposed Modification to Existing Collection, Treatment, and Disposal Procedures**

BJ Services – Artesia District currently has no plans to modify the manner in which effluents and solid wastes are collected, treated, or disposed.

**10. Inspection and Maintenance Program**

The BJ Services – Artesia District is inspected on a regular basis by numerous individuals at varying intervals. Facility personnel including the Environmental Coordinator, District Manager, Facility Supervisor, and District Safety or

Training Supervisor conduct Environmental Reviews on a monthly basis. The Regional Safety and Training Manager conducts an environmental review at least twice per year. In addition, a representative from the Corporate Safety and Environmental group performs an environmental review at least once per year. The corrective actions needed are documented and addressed in a set time-frame. The Environmental Review form used for these reviews is presented as Attachment 3.

#### **11. Contingency/Emergency Response Plan**

The Spill Prevention, Control, and Countermeasures Plan, which contains the spill reporting procedure as well as the Contingency Plan, is presented as Attachment 4.

#### **12. Geological/Hydrogeological Information**

The Pecos River is approximately 4 miles to the east of the property. This is a very small branch of the river that flows into Lake McMillan to the far south of Artesia.

Only a very heavy rain storm could cause any significant flooding due to run-off. A drainage culvert on the south side of the property would catch rainfall run-off.

Boring reports from monitor wells installed at the site indicate hard packed caliche is the surface covering. At about five feet, the soil becomes silty clay with some sand and small gravel; from white to tan. At about ten feet, the texture turns to clay. The site is located on quaternary alluvium in an area known as the Roswell Basin, or Roswell Artesian Basin. The lowest water-bearing stratigraphic unit that appears in the overall artesian system is the Glorieta Sandstone. The Glorieta Sandstone is generally fine-grained to very fine-grained, moderately to well cemented, well sorted, clean quartz sandstone. This unit varies in thickness from 0 to 750 feet but is generally 100 to 125 feet thick through the northern part of the basin. The San Andres Limestone (Permian) conformably overlies the Glorieta Sandstone. The entire unit is laterally uniform and exceptionally widespread. The San Andres formation has been divided into an upper and lower member. The lower member, known as the Slaughter Zone, contains a groundwater producing zone as well as a hydrocarbon producing zone that is utilized for oil and gas production in Chaves and Eddy counties, New Mexico. Regionally, the San Andres Limestone varies from 1200 to 1400 feet in thickness. The San Andres is overlain by Tertiary-Quaternary alluvium. The alluvial deposits are derived mainly from limestone. These soils are highly calcareous. More recent alluvial and floodplain deposits of Pecos River depositional origin are of mixed lithologies and consist of coarse to fine-grained stratified sediments. The Tertiary-Quaternary alluvial deposits typically range from approximately 100 to 400 feet in thickness.

The geologic units important to groundwater supply in the Roswell Basin are the Quaternary alluvium and the San Andres formation. The Glorieta Sandstone, considered to be one of the primary transporting media for recharge of the confined limestone (San Andres) aquifer, is not a significant source of groundwater. Typically, the Glorieta Sandstone produces low yields and poor groundwater quality. A confined artesian aquifer is typically found in the upper portion of the San Andres formation. However, in the Roswell area, the Slaughter sub-unit (lower half of the San Andres formation) forms the porous reservoir for the artesian aquifer. Changes in artesian head, due to over appropriation of water during the irrigation season (summer) causes periodic saline encroachment to occur in groundwater in the Roswell area. Artesian flow in wells in the Roswell Basin is limited in summer months. (Dames and Moore, *Onsite Investigation Report*, Submitted to NMED April 1998)

A well search was conducted by Brown and Caldwell, consultants for BJ Services. This water well search included well locations (by quarter/quarter section), well depth, water level, water quality, and use of each well. This search was conducted at the State Engineer's Office in Roswell, New Mexico on February 21, 1993. No existing water wells within ½ mile of the facility were identified.

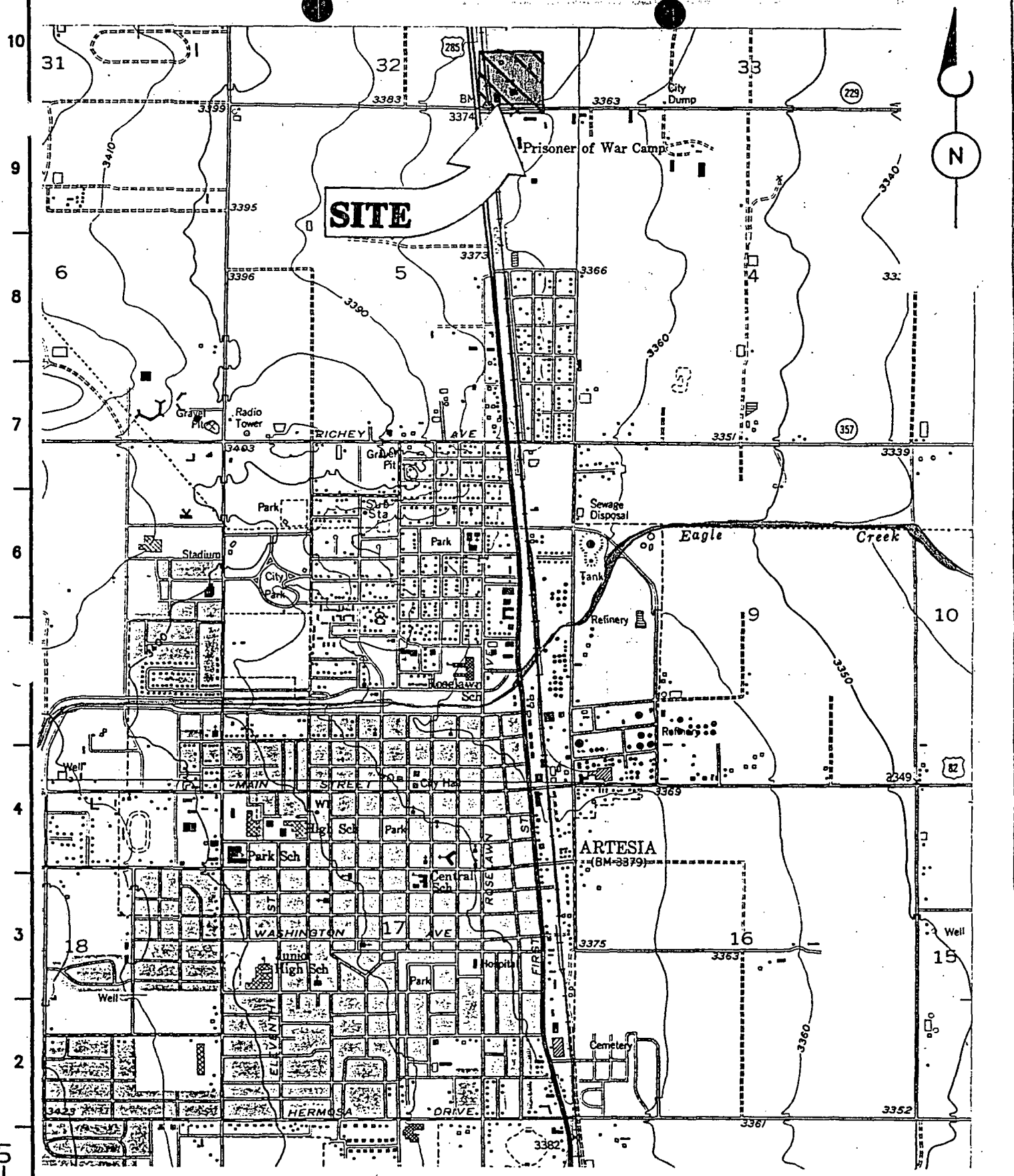
Depth to groundwater at the site ranges from 12 to 15 feet. There have been a few areas of the facility that have impacted groundwater quality. However, each of these areas have been or are being addressed with the assistance of NMOCD or NMED. Currently, free product is being recovered from the shallow water-bearing zone via two monitoring wells and oil absorbing socks in the maintenance bay area.

### **13. Closure/Compliance Information**

BJ Services – Artesia District is an operating oil field service facility with no intentions of closing. However, if BJ Services decided to close the Artesia district, a closure plan would be submitted to the NMOCD. Compliance information is presented as Attachment 5.

**Attachment 1**  
**Facility Location Map and Diagram**

E:\7440\7440-01



**Brown and Caldwell**  
Consultants  
DALLAS-HOUSTON, TEXAS

0 1000 2000  
SCALE: 1" = 2000'

DRAWN BY: JON DATE 2/18  
CHK'D BY: JLC DATE 2/18  
APPROVED: LHW DATE

TITLE

VICINITY MAP

CLIENT

WESTERN COMPANY OF NORTH AMERICA

SITE LOCATION

ARTESIA, NEW MEXICO

DATE

03/02/93

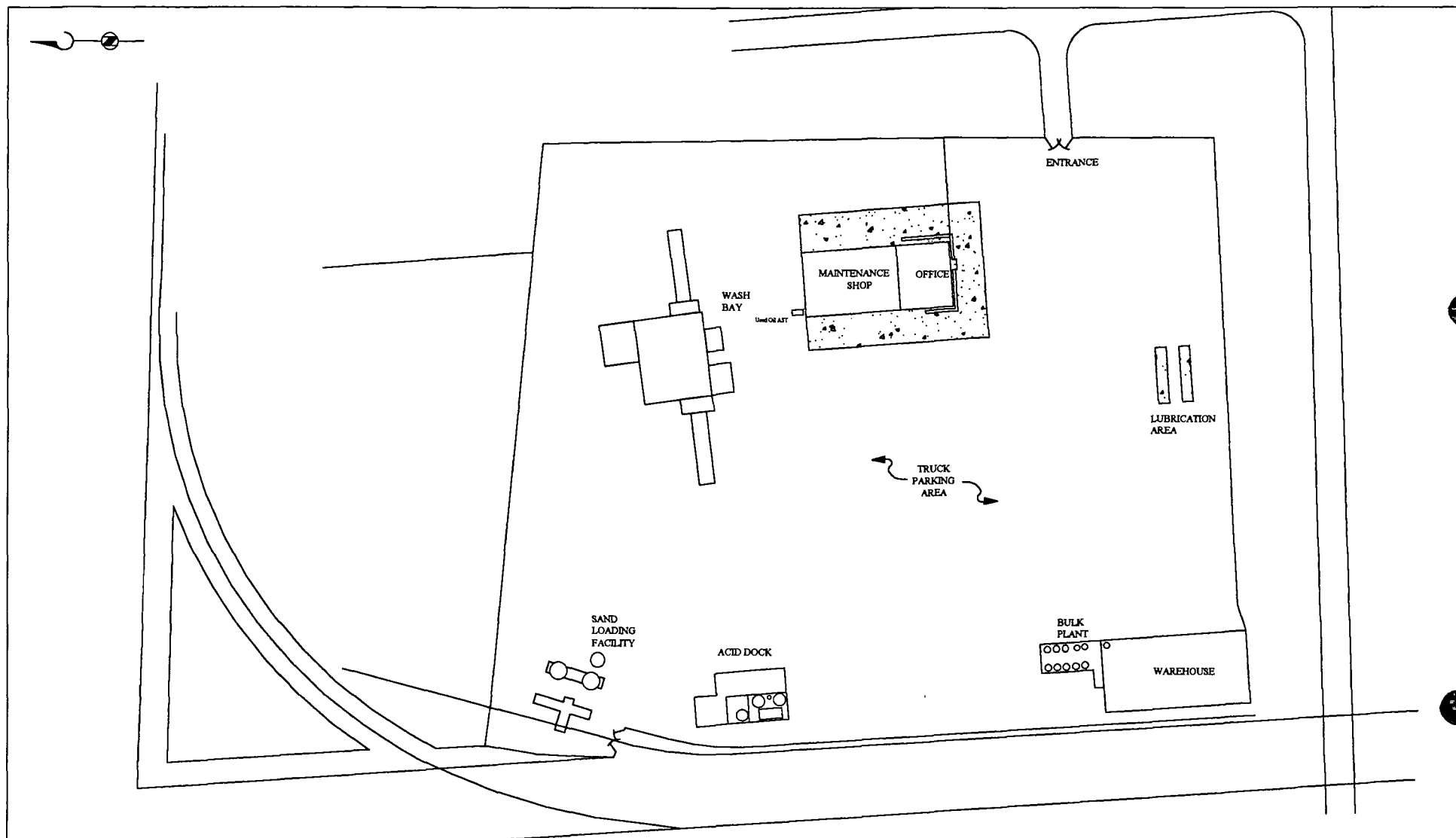
PROJECT NUMBER

7440-01

FIGURE NUMBER

1-1

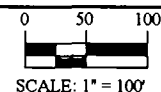
REV.	DESCRIPTION	BY	DATE
A			
B			
C			
D			
E			
F			
G			
H			
I			



**BJ Services Company, USA**  
P.O. Box 4442 (77210-4442)  
5500 Northwest Central Drive  
Houston, Texas 77092

**Figure 1 : Site Layout Diagram - Artesia, New Mexico District**

Facility Address: 2401 Sivley Road  
Artesia, New Mexico



**REVISION DATE:**  
5/28/99

**DRAWN BY:**  
BC/RNJ

**Attachment 2**  
**Materials Used and Stored**



41530

BJ Services Company  
 STOCK STATUS  
 CHEMICAL INVENTORY - WIN ORDER  
 ALL CATEGORIES

Page :  
 Date : 2/07/00  
 Branch : ARTE

CHM . PRP

Chemical and Other Products

Proppants-Sand

Item Number Description	Location/Lot	UM	On Hand	Held	Committed/ Selected/ Work Order	Available	On P.O./ On W.O.	Unit Cost	Extended Cost	Trans Date
100002 Sand, White, 20/40		Grade CW	303.60	SIL0		303.60		4.0465	1228.51	11/10/99
100004 Sand, White, 16/30	SP2	Grade CW	3459.40	SIL0	907.90	2551.50	900.00	4.8611	12403.09	02/26/99
100005 Sand, White, 12/20		Grade CW	Potency	—				5.6195		
100006 Sand, Brown, Brady, 20/40	SP1	Grade CW	Potency	—				3.6020		10/21/99
100008 Sand, Brown, Brady, 12/20		Grade CW	Potency	—				3.9125		03/31/98
100010 Sand, Brown, Brady, 16/30	SP3	Grade CW	Potency	—	1258.28	1258.28	2850.00	3.1045	3906.33	11/01/99
100016 Sintered Bauxite, 20/40		Grade LB	Potency	—				.2320		
100020 CEMENT, CLASS C, BULK	CS-6&7	Grade S9	1435.09	SIL0	5215.00	3779.91		4.4373	16772.59	01/10/00
100022 CEMENT, CLASS H, BULK	CS-5	Grade S9	1973.00	SIL0	750.00	1223.00		4.3399	5307.69	12/27/99
100024 CEMENT, NON-API, LITE-WATE T		Grade S7	Potency	—				4.3072		10/09/97
100030 PLUG, 02.875" TOP RUBB/ALUM	HR-04	Grade EA	2.00	BP		2.00		9.0000	18.00	03/29/98
100056 PLUG, 1.750" TOP RESIN/COR	HR-02	Grade EA	4.00	BP		4.00		123.0150	492.06	09/27/99
100062 PLUG, 16.000" TOP WOOD		Grade EA	Potency	—				78.8400		01/09/99
100064 PLUG, 20.000" TOP WOOD		Grade EA	Potency	—				110.3800		03/31/99
100071 RUBBER SEALER 0.875"X 1.30	HR-06	Grade EA	5796.00	BP	1144.00	4652.00		.2801	1303.02	01/31/00
100072 RUBBER SEALER 1.000"X 1.30		Grade EA	70.00	BP		70.00		.2600	18.20	06/28/99
100073 RUBBER SEALER 0.875"X 1.10		Grade EA	228.00	BP		228.00		.3109	70.88	04/14/99

BP = Bulk Plant

P.04/18

7462235 TO 12813572585

FEB 11 '00 07:30 FR BJ ARTESIA

41530

BJ Services Company  
 CHEMICAL INVENTORY STATUS WIN ORDER  
 ALL CATEGORIES

Page : 4  
 Date : 2/07/00  
 Branch : ARTE

CHM . BUF

Chemical and Other Products Buffers

Item Number Description	Location/Lot	UM	On Hand	Held	Committed/ Selected/ Work Order	Available	On P.O./ On W.O.	Unit Cost	Extended Cost	Trans Date
100080 Sodium Bicarbonate, 50 LB s	BP-13	Grade LB	1487.00	BP	115.00	1372.00		.1349	185.08	10/27/98
100088 HCL, 22 BAUME (35.2%)	AD-01	Grade GL	6036.57	AD	55772.00	49735.43		.3772	18760.20	01/28/00
100091 FERROFROL-300L (55 GL DR)	AD-02	Grade GL	271.00	AD-Tote	104.00	167.00		4.2307	706.52	01/10/00
100095 ACETIC ACID/GLACIAL	AD-5	Grade GL	720.00	Tote	511.00	209.00		5.7009	1191.48	01/28/00
100102 METHANOL (55 GL DR)	JOB-1	Grade GL	Potency	—	302.00	302.00		.7900	238.58	08/02/99
100103 ISOPROPANOL, (IPA)		Grade GL	135.00	BP		135.00		3.0667	414.00	09/15/99
100104 OS-40 (55 GL DR)	DR-05	Grade GL	110.00	BP		110.00		2.5464	280.10	01/06/00
100105 XYLENE (MIXED ISOMERS)		Grade GL	Potency	—				1.3900		05/13/99
100112 A-7P, CALCIUM CHLORIDE PELL	BP-17	Grade LB	15430.00	BP	6148.00	9282.00		.1026	952.33	01/10/00
100114 POTASSIUM CHLORIDE, KCL	BP-07	Grade LB	33553.00	BP	351.00	33202.00		.1039	3449.68	01/10/00
100118 Diacef LwL	BP-12	Grade LB	593.00	BP		593.00		3.3900	2010.27	05/25/99
100120 Bentonite, bulk	CS-2	Grade LB	106951.00	Silo	15585.00	91366.00		.0606	5536.77	01/10/00
100122 Sand, 100 mesh, S-8C, Bulk		Grade LB	5380.00	BP		5380.00		.0208	111.90	10/11/99
100130 Sodium Acetate (50 lb sack)	MIXED	Grade LB	2842.00	BP	378.00	2464.00	2250.00	.4801	1182.96	09/23/99
100131 Raphthalene, S-3	BP-15	Grade LB	630.00	BP	2100.00	1470.00		1.9800	2910.60	06/14/99
100136 LT-17 (55 GL DRM)		Grade GL	Potency	BP				6.0359		06/14/99
100138 LT-21 (54 GL DR)	DR-04	Grade GL	20.00	BP		20.00		5.7506	115.01	11/22/99

AD = Acid Rock

P.05/18

7462235 TO 12813572585

FEB 11 '00 07:31 FR BJ ARTESIA

41530

BJ Services Company  
 STOCK STATUS  
 CHEMICAL INVENTORY WIN ORDER  
 ALL CATEGORIES

Page 5  
 Date 2/07/00  
 Branch ARTE

CHM. INT

Chemical and Other Products

MANUFACTURING INTERNATIONAL

Item Number Description	Location/Lot	UM	On Hand	Held	Committed/ Selected/ Work Order	Available	On P.O./ On W.O.	Unit Cost	Extended Cost	Trans Date
100142 Ammonium Bifluoride		Grade LB	Potency 2.00	BP	906.00	904.00-		.7500	678.00-	03/29/98
100146 Aqua Flow (54 GL DR)	DR-02	Grade GL	Potency 96.00			96.00		4.5750	439.20	10/01/99
100156 FP-11	BP-11	Grade LB	Potency					.6504		08/25/99
100158 XLW-33	BP-11	Grade LB	Potency 85.00			85.00		.7511	63.84	06/14/99
100170 FERROTROL-900L (55 GL DR)	DR-03	Grade GL	Potency 75.00		25.00	50.00		4.7327	236.63	01/31/00
100171 GW-28	BP-11	Grade LB	Potency					4.1967		06/14/99
100174 ACETIC ACID/ANHYD (55 GL D	DR-01	Grade GL	Potency					6.6187		06/14/99
100175 GBW-5	BP-12	Grade LB	Potency 517.00		366.00	151.00	600.00	.9500	143.45	01/31/00
100179 CAUSTIC LIQUID, 25% (55 GL	DR-03	Grade GL	Potency					.7913		01/13/00
100185 GBW-10	BP-11	Grade LB	Potency 20.00			20.00		2.9295	58.59	06/14/99
100198 S-400 (55 GL DR)	DR-05	Grade GL	Potency 6.00		12.00	6.00-	55.00	4.8000	28.80-	01/10/00
100207 AG-21R (HEC-10)	BP-15	Grade LB	Potency 3780.00		4320.00	540.00-	12000.00	3.0710	1658.34-	01/26/00
100211 Delete HS-1 (55 GL DR)		Grade GL	Potency 13.00		82.00	69.00-		21.9100	1511.79-	01/26/00
100219 Delete use HS-2		Grade LB	Potency					.6722		01/23/99
BENZOIC ACID REGULAR FLAKE		Grade LB	Potency					.8230		03/29/98
100221 BENZOIC ACID FLAKE SUPER	BP-15	Grade LB	Potency					.3147	62.94-	01/28/00
100225 NITROGEN LIQUID, N2		Grade HC	Potency		200.00	200.00-		.1044	417.60	06/14/99
100237 SODA ASH	BP-13	Grade LB	Potency 4000.00	BP		4000.00				

P.06/18

7462235 TO 12813572585

FEB 11 '00 07:31 FR BJ ARTESIA

41530

BJ Services Company  
 STOCK STATUS  
 CHEMICAL INVENTORY - WIN ORDER  
 ALL CATEGORIES

Page :  
 Date : 2/07/00  
 Branch : ARTE

CHM . FLS

Chemical and Other Products Fluid-loss, Stim

Item Number Description	Location/Lot	UM	On Hand	Held	Committed/ Selected/ Work Order	Available	On P.O./ On W.O.	Unit Cost	Extended Cost	Trans Date
100266 S-8C, 100 MESH SAND, SACKS	BP-19	Grade LB	6000.00 Potency	BP		6000.00		.0580	348.00	12/29/99
100267 FL-50		Grade LB	2936.00 Potency	BP	75.00	2861.00		2.9723	8503.75	
100273 SODIUM SILICATE (55 GL DR)	AD-10	Grade GL	570.00 Potency	BP		570.00		1.9800	1128.60	06/14/99
100274 ATTAPULGITE CLAY	BP-09	Grade LB	2150.00 Potency	BP		2150.00		.1607	345.50	06/14/99
100275 Sodium Metasilicate	BP-12	Grade LB	3566.00 Potency	BP		3566.00		.2291	816.97	06/14/99
100283 R-3	BP-10	Grade LB	356.00 Potency	BP		356.00		.4004	142.54	06/24/99
100290 CB-31	BP-17	Grade LB	445.00 Potency	BP		445.00	400.00	.7452	331.61	12/29/99
100294 GILSONITE, SACKS	CS-3	Grade LB	7768.00 Potency	BP	5800.00	1968.00		.0855	168.26	11/22/99
100295 CELLOPHANE FLAKE	BP-18	Grade LB	1670.00 Potency	BP	678.00	992.00		.3000	297.60	01/10/00
100302 Sand, Brown, Brady, 20/40, sac	BP-12	Grade S5	84.00 Potency	—		84.00		2.4836	208.62	12/27/99
100313 GM-55	BP-12	Grade LB	Potency	BP				3.3100		06/14/99
100316 Barite, bulk		Grade LB	476900.00 Potency	BP		476900.00		.0011	524.59	
100317 Fly Ash (Pozzolan)	CS-4	Grade SZ	4529.00 Potency	S:10	1195.00	3334.00		1.0274	3425.35	01/10/00
100323 SAPP	HR-01	Grade LB	1070.00 Potency	BP	75.00	995.00		.3720	370.14	01/14/00
100346 Ceramax I, 20/40	JOB	Grade LB	Potency	BP				.4230		07/16/99
100362 FAW-1 (55 GL DR)		Grade GL	Potency					5.1100		02/02/98
100365 Diesel #2, LFC, bulk	MIXED	Grade GL	3581.00 Potency	XLFCI-TANK	602.00	2979.00		.9489	2826.77	09/23/99

P.07/18

7462235 TO 12813572585

FEB 11 '00 07:31 FR BJ ARTESIA

41530

BJ Services Company  
 CHEMICAL STOCK STATUS  
 INVENTORY WIN ORDER  
 ALL CATEGORIES

Page 7  
 Date 2/07/00  
 Branch ARTE

CHM. BLS

Chemical and Other Products

SELECT-O-BALL SERVICES

Item Number Description	Location/Lot	UM	On Hand	Held	Committed/ Selected/ Work Order	Available	On P.O. On W.O.	Unit Cost	Extended Cost	Trans Date
100384 Ball Sealer, 0.625" X 1.30		Grade EA	Potency					.6835		07/25/99
100404 Rubber/Nylon	BP-03	Grade LB	20767.00		11921.00	8846.00		.0440	389.22	01/10/00
100404 Salt, NACL, Fine		Grade LB	271.00			262.00		.8301	217.48	09/15/99
100409 FERROTROL-110, Fumaric Acid	MIXED	Grade LB	Potency		9.00			7.8950	1523.73-	01/31/00
100472 NE-940 (55 GL DR)	DR-04	Grade GL	Potency		193.00	193.00-		7.6068		06/14/99
100486 XC10E-207		Grade LB	Potency					.0009	1575.00	12/07/99
100495 Salt, NACL, Medium Rock Salt	BP-06	Grade LB	1750000.00			1750000.00		.0009	1575.00	12/07/99
119978 PLUG 13.375 TOP RUBB/ALUM	HR-05	Grade EA	Potency		3.00	3.00-		244.8500	734.55-	12/15/99
121102 PLUG 05.500" 8TM ALUM/CORE	HR-03	Grade EA	Potency 1.00			1.00		39.0495	39.04	06/14/99
121103 PLUG 07.000" 8TM ALUM/CORE		Grade EA	Potency					48.3645		05/14/99
121105 PLUG 08.625" 8TM ALUM/CORE	HR-03	Grade EA	Potency 3.00			3.00		64.9405	194.82	03/29/98
121106 PLUG 09.625" 8TM ALUM/CORE		Grade EA	Potency					85.9080		05/14/99
121110 PLUG 04.500" TOP ALUM/CORE	HR-04	Grade EA	Potency 7.00			7.00		19.7156	138.00	02/09/99
121112 PLUG 05.500" TOP ALUM/CORE	HR-04	Grade EA	Potency 5.00			5.00		24.3000	121.50	05/11/98
121113 PLUG 07.000" TOP ALUM/CORE	HR-02	Grade EA	Potency				2.00	21.6500		03/29/98
121114 PLUG 07.625" TOP ALUM/CORE	HR-02	Grade EA	Potency 3.00		1.00	2.00	1.00	49.3400	98.68	03/29/98
121115 PLUG 08.625" TOP ALUM/CORE	HR-02	Grade EA	Potency 12.00		2.00	10.00	4.00	57.1951	571.95	01/10/00
121116 PLUG 09.625" TOP ALUM/CORE	HR-05	Grade EA	Potency 1.00		1.00			66.4300		03/29/98

P.08/18

7462235 TO 12813572585

FEB 11 '00 07:31 FR BJ ARTESIA

41530

BJ Services Company  
 STOCK STATUS  
 CHEMICAL INVENTORY - WIN ORDER  
 ALL CATEGORIES

Page 1  
 Date 2/07/00  
 Branch ARTE

CHM . PLG

Chemical and Other Products

INST PLUGS

Item Number Description	Location/Lot	UM	On Hand	Held	Committed/ Selected/ Work Order	Available	On P.O./ On W.O.	Unit Cost	Extended Cost	Trans Date
160117 PLUG, 10.750" TOP ALUM/CORE	HR-06	Grade EA	Potency 3.00			3.00		114.5333	343.59	05/19/98
160105 PLUG, 09.625" TOP WOOD	HR-05	Grade EA	Potency 2.00			2.00		27.7347	55.46	04/17/98
160111 THREAD LOCKING KIT, 8 OZ	HR-9	Grade EA	Potency 2.00			2.00		5.2760	10.55	06/26/98
160127 PLUG, 07.625" TOP WOOD		Grade EA	Potency					57.2500		
160142 PLUG, 11.750" TOP WOOD	HR-03	Grade EA	Potency 5.00			5.00		43.8922	219.46	01/14/00
160143 PLUG, 13.375" TOP WOOD	HR-04	Grade EA	Potency 5.00		1.00	4.00		42.0013	168.00	03/29/98
160146 PLUG, 08.625" TOP WOOD	HR-05	Grade EA	Potency 1.00			1.00		28.0011	28.00	03/29/98
160154 BAFFLE PLATE, THREADED FIBE		Grade EA	Potency					81.4000		
160158 BAFFLE PLATE, THREADED FIBE		Grade EA	Potency					53.3500		01/09/98
272220 PLUG, 05.500" TOP WOOD		Grade EA	Potency 1.00			1.00		20.5000	20.50	01/28/00
276477 SUB-SEA PLUG, TOP, 20"	HR-06	Grade EA	Potency 1.00			1.00		399.0000	399.00	03/29/98
401005 TROUGH WASH (55 GL DR)		Grade GL	Potency 220.00			220.00		2.3240	511.28	
408014 USE 110219		Grade GL	Potency					97.0600		
408050 PAILS/DOT 5 GAL W/LIDS	BP-05	Grade EA	Potency 144.00			144.00		4.2500	612.00	06/14/99
408055 PAILS/NON-HAZ 5 GAL W/LIDS	BP-05	Grade EA	Potency 60.00			60.00	20.00	2.8500	171.00	06/14/99
411003 FLC-41, ADDMITE REGAIN	BP-13	Grade LB	Potency 1200.00			1200.00		.8083	969.96	09/15/99
411024 TS-4603		Grade GL	Potency					11.6411		03/29/98

P.09/18

7462235 TO 12813572585

FEB 11 '00 07:32 FR BJ ARTESIA

41530

BJ Services Company  
 STOCK STATUS  
 CHEMICAL INVENTORY - WIN ORDER  
 ALL CATEGORIES

Page : 9  
 Date : 2/07/00  
 Branch : ARTE

CHM . SEQ

Chemical and Other Products

Sequestering Agents

Item Number Description	Location/Lot	UM	On Hand	Held	Committed/ Selected/ Work Order	Available	On P.O. / On W.O.	Unit Cost	Extended Cost	Trans Date
411025 TS-4800		Grade	GL	Potency				24.4201		03/29/98
411039 FERROTRON-270 (51 GL DR)	AD-04	Grade	GL	Potency	268.00	555.00		16.8342	9342.98	01/31/00
411040 FERROTRON-271 (55 GL DR)	AD-09	Grade	GL	Potency	89.00	100.00		6.9474	694.74	01/28/00
411046 Techni-Hib 756	DR-05	Grade	GL	Potency	385.00	205.00		6.7500	1383.75	06/14/99
411065 A-108, Gypsum, W-120 50 lb	BP-08	Grade	LB	Potency	4512.00	14682.00	44000.00	.0780	1145.19	12/03/99
411082 AE-Aromatic		Grade	GL	Potency				1.8900		03/29/98
411084 GBW-15C	LAB	Grade	GL	Potency				34.9994		08/18/99
411093 E-30 (54 GL Drum)		Grade	GL	Potency		110.00		11.8884	1307.72	12/15/99
411096 Pentafax 2	AD-06	Grade	GL	Potency		120.00		3.8000	456.00	07/29/99
411118 GR-20L (5 GL pail)		Grade	GL	Potency				27.8000		
411121 Techni-Sperse 2917	DR-21	Grade	GL	Potency				9.2000		03/29/98
411123 USE SIMILAR TO PARAVAN-23	DR-16	Grade	GL	Potency				8.6157		03/29/98
411124 Techni-Hib 7815W (55 GL DR)	DR-05	Grade	GL	Potency				7.2000		01/19/00
411125 S-301 (55 GL DR)		Grade	GL	Potency				.2650		05/14/99
411129 RG-35	DR-29	Grade	LB	Potency						
411129 PF-2 (5 gl pail)	BP-01	Grade	GL	Potency	3.00	3.00		8.4000	25.20	06/14/99
411129 FR-42C (5 gl pail)	BP-02	Grade	GL	Potency				14.5500		06/14/99
415057 BA-90 20 kg (44.1 LBS) BAG	BP-11	Grade	LB	Potency	246.00	246.00		.0900	22.14	06/14/99

P.10/18

7462235 TO 12813572585

FEB 11 '00 07:32 FR BJ ARTESIA

41530

BJ Services Company  
 CHEMICAL INVENTORY WIN ORDER  
 ALL CATEGORIES

Page - 10  
 Date - 2/07/00  
 Branch - ARTE

CHM . MSC

Chemical and Other Products

INST MISC

Item Number Description	Location/Lot	UM	On Hand	Held	Committed/ Selected/ Work Order	Available	On P.O. On W.O.	Unit Cost	Extended Cost	Trans Date
415060 HEMATITE, SACKS		Grade LB	Potency					.0702		08/25/99
420145 BENTONITE, (BJ GEL) 50# Sac	BP-17	Grade LB	Potency					.0282		03/29/98
421508 A-7L, CACL2, 30% SOL (55 GL	DR-03	Grade GL	Potency					1.3600		06/14/99
422528 FL-33		Grade LB	Potency	307.00		307.00		8.2153	2522.09	01/29/00
423445 CI-25 (TOTE 385 GL)		Grade GL	Potency					14.7500		03/26/99
423729 NE-11B (330 GL TOTE)	AD-05	Grade GL	Potency					5.0489		09/15/99
423785 INFLO-150, (330 GL TOTE)	AD-07	Grade GL	Potency					4.1021		07/15/99
424270 GW-38 (BULK)	MIXED	Grade LB	Potency	2836.00	924.00	1912.00		2.1471	4105.25	08/20/99
424317 GBW-1200 (QUARTS)		Grade QT	Potency					77.7658		07/24/98
424351 XLW-4, (330 gal Tote)	DR-22	Grade GL	Potency	225.00		225.00	330.00	6.1500	1383.75	02/26/99
424509 FP-13L (55 GL DRM)		Grade GL	Potency		21.00	21.00		17.6800	371.28	04/16/99
425142 BF-7L (300 GAL TOTE)		Grade GL	Potency	80.00		80.00	300.00	2.1943	175.54	06/14/99
425143 BF-8L (55 GL DR)	DR-02	Grade GL	Potency	43.00		43.00		5.3000	227.90	06/14/99
425225 AQUATROL I (55 GL DRM)		Grade GL	Potency	110.00		110.00		3.5280	388.08	
430532 PUG-07 625" TOP ALUM/CORE		Grade EA	Potency	2.00		2.00		144.0450	288.09	
430536 PUG-08 625" TOP ALUM/CORE		Grade EA	Potency					66.1200		
430538 PUG-05 500" TOP RESIN/COR		Grade EA	Potency					25.5116		09/08/99
INDUSTRIAL-PLUG										

P.11/18

7462235 TO 12813572585

FEB 11 '00 07:32 FR BJ ARTESIA



41530

BJ Services Company  
 STOCK STATUS  
 CHEMICAL INVENTORY - WIN ORDER  
 ALL CATEGORIES

Page :  
 Date : 2/07/00  
 Branch : ARTE

CHN . PLG

Chemical and Other Products

INST PLUGS

Item Number Description	Location/Lot	UM	On Hand	Held	Committed/ Selected/ Work Order	Available	On P.O./ On W.O.	Unit Cost	Extended Cost	Trans Date
430628 PLUG 07.000" TOP RESIN/COR INDUSTRIAL-PLUG		Grade EA	Potency 2.00			2.00		29.0000	58.00	
430632 PLUG 07.625" TOP RESIN/COR INDUSTRIAL-PLUG		Grade EA	Potency					30.7850		01/26/00
430636 PLUG 08.625" TOP RESIN/COR INDUSTRIAL-PLUG		Grade EA	Potency				2.00	46.0000		08/21/98
430660 PLUG 13.375" TOP RESIN/COR INDUSTRIAL-PLUG		Grade EA	Potency 4.00			4.00	2.00	123.0000	492.00	06/26/98
431080 Deleted PLUG 20.000" TOP W Use 100064	HR-06	Grade EA	Potency					119.0000		03/29/98
488001 NE-118 (55 GL DR)		Grade GL	Potency 22.00		3.00	19.00		5.4985	104.47	01/28/00
488003 GW-27	HR-07	Grade LB	Potency 2800.00		500.00	2300.00		1.1137	2561.51	01/06/00
488004 XLW-56 (55 GL DR)		Grade GL	Potency 37.00			37.00		9.4049	347.98	06/14/99
488007 BF-7L (55 GL DR)	DR-02	Grade GL	Potency		120.00	120.00-	220.00	2.2000	264.00-	07/07/99
488011 GW-4 (BULK)	MIXED	Grade LB	Potency 25886.00		3024.00	22862.00	8000.00	1.0487	23975.37	09/23/99
488013 CD-32	BP-14	Grade LB	Potency 4443.00		245.00	4198.00		1.1500	4827.70	09/27/99
488015 FL-52	BP-14	Grade LB	Potency 7.00		66.00	59.00-		3.0521	180.07-	06/24/99
488019 FP-6L (55 GL DR)		Grade GL	Potency 136.00			136.00	220.00	8.6770	1180.07	06/14/99
488021 INFLO-100 (55 GL DR)		Grade GL	Potency					13.4773		07/01/99
488023 AG-12 (55 GL DR)	DR-02	Grade GL	Potency 20.00			20.00		11.2505	225.01	03/29/98
488024 CI-11 (55 GL DR)	DR-02	Grade GL	Potency 26.00			26.00		13.2210	343.74	11/15/99
488029 FAW-18W (55 GL DR)	DR-04	Grade GL	Potency					13.2133		01/21/00

P. 12/18

7462235 TO 12813572585

FEB 11 '00 07:32 FR BJ ARTESIA

41530

BJ Services Company  
 STOCK STATUS  
 CHEMICAL INVENTORY WIN ORDER  
 ALL CATEGORIES

Page - 12  
 Date - 2/07/00  
 Branch - ARTE

CHM. SUR

Chemical and Other Products Surfactants

Item Number Description	Location/Lot	UM	On Hand	Held	Committed/ Selected/ Work Order	Available	On P.O./ On W.O.	Unit Cost	Extended Cost	Trans Date
488032 NE-10 (52 GL DR)	DR-04	Grade GL	392.00 Potency		274.00	118.00	260.00	9.7690	1152.74	01/14/00
488037 XLA-2 (55 GL DR)		Grade GL	15.00 Potency			15.00		14.0160	210.15	07/01/99
488038 XLA-24 (55 GL DR)	DR-06	Grade GL	540.00 Potency			540.00		9.2675	5004.45	10/06/99
488040 INFLO-150 (55 GL DR)		Grade GL	441.00 Potency		146.00	295.00	220.00	3.8131	1124.86	03/28/00
488043 Delete MUD SWEEP REGULAR Use Ultra Flush II	BP-12	Grade CN	25.00 Potency			25.00		33.0000	825.00	06/02/99
488045 XLW-60 (55 GL DR)	DR-06	Grade GL	23.00 Potency			23.00		16.1098	370.52	07/15/99
488051 SAF MARK III (55 GL DR)		Grade GL	Potency					6.5950		03/05/99
488052 CT-25 (55 GL DR)		Grade GL	5.00 Potency			5.00		14.5380	72.69	11/04/99
488058 BA-58		Grade LB	314.00 Potency			314.00		.3874	121.64	09/14/99
488071 XLW-4 (55 GL DR)	DR-06	Grade GL	55.00 Potency		120.00	65.00-		6.1500	399.75-	08/24/99
488072 EC-1		Grade LB	Potency					.8996		05/14/99
488084 XLW-49	BP-02	Grade GL	5.00 Potency			5.00		11.3300	56.65	08/26/99
488096 GBA-2		Grade LB	Potency					3.3500		07/01/99
488102 Delete MUD SWEEP WEIGHTED Use Ultra Flush II	BP-11	Grade CN	8.00 Potency			8.00		50.9969	407.97	06/14/99
488103 XLW-53 (55 GL DR)	DR-06	Grade GL	55.00 Potency			55.00		16.1000	885.50	08/26/99
488108 GBW-12CD (6.30 GL PAIL)	LAB	Grade GL	1.30 Potency		4.00	2.70-	12.60	297.6200	803.57-	10/18/99
488109 GBW-13C		Grade GL	Potency					74.4136		10/21/99

BP

P.13/18

7462235 TO 12813572585

FEB 11 '00 07:32 FR BJ ARTESIA

41530

BJ Services Company  
 STOCK STATUS  
 CHEMICAL INVENTORY -- WIN ORDER  
 ALL CATEGORIES

Page - 13  
 Date - 2/07/00  
 Branch - ARTE

CHM . CPX

Chemical and Other Products Complexers

Item Number Description	Location/Lot	UM	On Hand	Held	Committed/ Selected/ Work Order	Available	On P.O./ On W.O.	Unit Cost	Extended Cost	Trans Date
488121 XLW-41 (52 GL DR)	DR-06	Grade GL	52.00			52.00		38.7500	2015.00	06/14/99
488124 BP-10L		Grade GL						1.0000		
488136 Delete SUPER PERM CRB	BP-16	Grade LB						30.0000		04/08/99
488139 Delete with High Perm CRB										
488141 CLAY TREAT-3C (55 GL DR)	DR-03	Grade GL			141.00	141.00-		5.0188	707.65-	10/06/99
488142 ULTRA FLUSH II (5 GL Pail)		Grade GL	2.00			2.00		17.5500	35.10	
488156 Delete AE-7		Grade GL	75.00			75.00		16.4955	1237.16	11/01/99
488157 Delete pending use E-30										
488159 HIGHPERM CRB (GBW-36)	BP-13	Grade LB	12.00			12.00		6.2350	74.82	01/19/00
488159 GO-64 (52 GL DR)	DR-06	Grade GL						18.7639		08/18/99
488160 XLD-5 (51 GL DR)	DR-06	Grade GL	42.00			42.00		11.5654	485.74	06/14/99
488162 GBW-14C(Enzyme X)		Grade GL						9.2500		10/27/98
488164 PSA-1 (25 LB Sack)	MIXED	Grade LB	585.00		73.00	512.00	150.00	1.6500	844.80	09/23/99
488165 PSA-2L (51 GL DR)	DR-05	Grade GL	141.00		3.00	138.00		6.9326	956.69	11/01/99
488172 GW-45	MIXED	Grade LB	1144.00			1144.00		1.8727	2142.36	06/14/99
488175 HIGHPERM CRB-LT (GBW-38)	BP-13	Grade LB	50.00			50.00		5.5000	275.00	06/14/99
488195 CLAY TREAT-3C (300 gl Tote)		Grade GL	334.00			334.00	330.00	4.8500	1619.90	
488201 FAW-4 (200 GL Tote)		Grade GL	400.00			400.00		10.2500	4100.00	
488220 CI-27 (55 GL DRUMS)		Grade GL	761.00		392.00	369.00		9.8200	3623.58	01/28/00

P.14/18

7462235 TO 12813572585

FEB 11 '00 07:33 FR BJ ARTESIA

41530

BJ Services Company  
 STOCK STATUS  
 CHEMICAL INVENTORY -- WIN ORDER  
 ALL CATEGORIES

Page -  
 Date - 2/07/00  
 Branch - ARTE

CHM . EXT

Chemical and Other Products

INST EXTENSIONS

Item Number Description	Location/Lot	UM	On Hand	Held	Committed/ Selected/ Work Order	Available	On P.O./ On W.O.	Unit Cost	Extended Cost	Trans Date
488230 CSE (Bulk)		Grade LB	60006.00	Silo		60006.00		.1513	9078.90	
488247 BIOSEALERS		Grade EA	498.00			498.00		2.3669	1178.71	11/01/99
488251 AG-57L (54.5 GL DR)	DR-01	Grade GL	468.50			468.50		9.5856	4490.85	01/18/00
488252 MAGNACIDE 575 (4-1 GL JUGS)	BP-01	Grade GL	18.00		8.00	10.00	8.00	43.0700	430.70	12/27/99
488254 CI-27 (330 GL TOTE)		Grade GL	Potency				660.00			
488255 FLO-BACK 30 (55 GL Drum)	DR-04	Grade GL	268.00			268.00		9.3100	2495.08	01/18/00
488262 NE-940 (385 GL TOTE)		Grade GL	478.00			478.00		7.8966	3774.57	10/20/99
499514 FRA-14 (55 GL Drum)		Grade GL	13.00			13.00		9.4191	122.44	12/09/99
499520 ACIGEL (52 GL DR)	DR-01	Grade GL	208.00	BP	8.00	200.00		12.4797	2495.94	01/21/00
499528 OB-1 EMULSIFIER (5 gl Pail)	DR-29	Grade GL	Potency					7.6800		10/27/98
499571 FLC-42, 50 lb Bags	BP-13	Grade LB	Potency					.5497		05/25/99
499575 FERROTRON-200	BP-11	Grade LB	45.00			45.00		3.7514	168.81	06/14/99
499588 CSE (50 lb sack)	CS-1	Grade LB	565.00			565.00		.1513	85.48	06/16/99
499595 GW-22	BP-13	Grade LB	Potency					4.7000		08/20/99
499630 XLW-32 (55 GL DR)		Grade GL	Potency					4.1136		03/29/98
499634 KOL SEAL	BP-12	Grade LB	Potency					.0913		03/05/99
499641 HS-2 (55 GL DR)	DR-11	Grade GL	Potency					11.5735		11/01/99

P.15/18

7462235 TO 12813572585

FEB 11 '00 07:33 FR BJ ARTESIA

41530

BJ Services Company  
 STOCK STATUS  
 CHEMICAL INVENTORY WIN ORDER  
 ALL CATEGORIES

Page : 15  
 Date : 2/07/00  
 Branch : ARTE

CHM . CPX

Chemical and Other Products Complexers

Item Number Description	Location/Lot	UM	On Hand	Held	Committed/ Selected/ Work Order	Available	On P.O./ On W.O.	Unit Cost	Extended Cost	Trans Date
499647 XLA-31 (55 GL DR)	DR-06	Grade GL	37.00			37.00		8.8180	326.26	06/14/99
499648 S-8, SYLICA FLOUR, SACKS		Grade LB	Potency					.0530		05/25/99
499650 BC-31 (55 GL DR)	DR-05	Grade GL	Potency					3.4996		10/27/98
499655 Delete CI-22 (55 GL DR) Use CI-27 or CI-14	DR-08	Grade GL	43.00			43.00		10.2162	439.29	09/28/99
499673 ULTRA PERM CRB	BP-16	Grade LB	Potency					17.4936		05/28/99
499680 STATIC FREE	BP-13	Grade LB	315.00		4.00	311.00		3.7939	1179.90	01/10/00
499684 LT-32 (55 GL DR)	DR-04	Grade GL	16.00		12.00	4.00	55.00	14.6240	58.49	08/20/99
499688 FERROCONTROL-800L (55 GL DR)	DR-03	Grade GL	110.00			110.00		5.3716	590.87	01/18/00
499690 NE-110W (55 GL DR)	DR-29	Grade GL	Potency					7.5700		10/27/98
499693 FRW-30 (55 GL DR)	DR-04	Grade GL	Potency					8.6932		08/24/99
499695 BA-10A	BP-14	Grade LB	395.00			395.00		1.0195	402.70	12/30/99
499705 ASA-301		Grade LB	Potency					3.2439		06/06/99
499712 GBW-33D	BP-12	Grade LB	562.00			562.00		4.8084	2702.32	06/14/99
499720 Econoprop, 20/40		Grade LB	Potency	5:10	50020.00	50020.00	130250.00	.2200	11004.40	02/01/00
499728 INTERPROP, 20/40		Grade LB	53160.00	5:10		53160.00		.2385	12678.66	05/28/98
499737 ACTIVATOR BORDEN, 55 GAL	DR-02	Grade GL	55.00			55.00		16.8000	924.00	01/21/00
499739 ACTIVATOR, SUPERSET W, 55 GA		Grade GL	Potency	BP				11.7911		06/14/99

P.16/18

7462235 TO 12813572585

FEB 11 '00 07:33 FR BJ ARTESIA

41530

BJ Services Company  
 STOCK STATUS WIN ORDER  
 CHEMICAL INVENTORY ALL CATEGORIES

Page : 16  
 Date : 2/07/00  
 Branch : ARTE

CHEM. ACT

Chemical and Other Products

Activators (Chemical)

Item Number Description	Location/Lot	UM	On Hand	Held	Committed/ Selected/ Work Order	Available	On P.O./ On W.O.	Unit Cost	Extended Cost	Trans Date
499741 ACTIVATOR, SUPERSET 0.55 GA	DR-05	Grade GL	53.00	Potency	27.00	26.00	220.00	15.2500	396.50	06/23/99
499748 FAW-21 (55 GL DR)		Grade GL		Potency	24.00	24.00		7.3900	177.36	12/01/99
499754 FERROTROL-210	BP-11	Grade LB	50.00	Potency		50.00		5.0500	252.50	06/24/99
499760 Delete. Micro Seal Delete use EC-1 488072		Grade LB		Potency				.2651		03/29/98
499770 XCL-22C (55 GL Drum)		Grade GL	94.00	Potency		94.00		20.2500	1903.50	05/28/99
499778 FLO-BACK 20 (55 GL DR)		Grade GL		Potency				9.0948		06/14/99
499779 CI-14 (55 GL DR)		Grade GL		Potency				5.8656		06/14/99
499783 SLA-48 (55 GL DR)		Grade GL		Potency				11.0067		
499789 FAW-4 (50 GL DR)	DR-04	Grade GL	157.00	Potency		157.00		10.2090	1602.81	11/10/99
499793 E-2	DR-03	Grade GL	33.00	Potency		33.00		12.4985	412.45	06/14/99
499798 INTERPROP, 16/30		Grade LB		Potency				.3150		
499808 CLAY MASTER-5C (55 GL DR)	DR-03	Grade GL	304.00	Potency	1.00	303.00		10.9184	3308.27	01/28/00
499812 FERROTROL-800		Grade LB		Potency				.8850		
499815 Super TF, 20/40		Grade LB		Potency				.1070		
499817 CARBOPROP, 20/40		Grade LB		Potency				.3300		
499819 CARBO HSP, 20/40		Grade LB		Potency				.3600		
499825 PR-6000, 20/40		Grade LB		Potency				.5650		

P.17/18

7462235 TO 12813572585

FEB 11 '00 07:33 FR BJ ARTESIA

**Attachment 3**  
**Environmental Review Form**



## Environmental Review - District

Region: Permian Basin  
District: Artesia  
Reviewer: Rick  
Johnson/BJS/BJSERVICES  
Date of Review:

### Key

2 - Up to Standard or Not Applicable  
1 - Could Use Some Improvement  
0 - Immediate Action Necessary

### Facility Score

Total / 112 x 100 =

### 1. GENERAL CONDITIONS

### RATING

- A. General condition of the yard
- B. Spills or leaks visible
- C. Knowledge of Environmental Practices Manual
- D. Knowledge of spill reporting procedures
- E. No open containers outside collecting water
- F. Stormwater discharge points free of oil, debris, etc.

TOTAL

### 2. MAINTENANCE (SHOP, WASH, RACK, FUEL, OIL)

### RATING

- A. Fuel island area clean and free of spills
- B. Fuel and oil tanks properly labeled
- C. Area around oil tanks free of spills
- D. Fuel and oil tanks in secondary containment
- E. Secondary containment free of spills
- F. Shop drains free and clear
- G. General use lube area free of spills
- H. Parts cleaner waste being properly handled
- I. Used oil tank in secondary containment
- J. Secondary containment free of spills
- K. Used oil and filters being properly handled
- L. Used anti-freeze being properly handled
- M. Wash rack sumps being maintained
- N. Wash rack sludge being properly handled
- O. Wash water being properly managed
- P. Spill control and clean up material available

TOTAL

### 3. CHEMICAL STORAGE AREAS

### RATING

- A. BJ labels on all drums, totes and buckets
- B. Drums on pallets
- C. Bungs in drums
- D. Drum inventory being rotated
- E. Condition of Drums
- F. Inventory Accessible
- G. Full buckets stored under cover
- H. UN specification buckets being used for hazardous materials
- I. Condition of dry chemical storage
- J. Partial bags stored properly



- K. Like products stored together
- L. Overpack drums available (2-3)
- M. Spill control and clean-up equipment available

**TOTAL**

**4. PRODUCT BLENDING AREAS**

**RATING**

- A. Acid loading area clean and free of spills
- B. Acid tank containment viable (walls and bottom)
- C. Acid reclaim system in place
- D. Acid fume scrubber working properly
- E. Tanks, lines, valves and pumps working properly
- F. Chemical additive system properly working
- G. Dust collectors present and working properly (sand/cement)
- H. Bulk plant partial bags stored properly
- I. LFC area free of spills
- J. LFC Diesel tank in secondary containment
- K. Secondary containment free of spills
- L. Defoamer fill area free of spills
- M. Spill control and clean-up equipment available

**TOTAL**

**5. EMPTY DRUM MANAGEMENT**

**RATING**

- A. Drums being removed on a routine basis
- B. Drums stored on side with bungs
- C. Empty drums completely empty

**TOTAL**

**6. RECORDS**

**RATING**

- A. Environmental filing system in place and maintained
- B. Permits and registrations available
- C. Waste manifests filed
- D. Tank records in order
- E. Current SPCC plan available

**TOTAL**

**Number of drums to be sampled for return to inventory or disposal:**

**Total Score: 0.00 out of 112**

ITEM NO.	CORRECTIVE ACTION NEEDED	CORRECTIVE ACTION TAKEN

**Attachment 4**  
**Spill Prevention Control and Countermeasures Plan (incl. Contingency Plan)**

# **SPILL PREVENTION CONTROL AND COUNTERMEASURE PLAN**

**(Includes Contingency Plan)**

*Artesia, New Mexico*



**BJ SERVICES COMPANY, U.S.A.**

**January 6, 2000**

## Management Approval

Management has reviewed this SPCC Plan. The Plan has management's approval and will be implemented and periodically updated in accordance with 40 CFR 112 and applicable state requirements.

### District

Mike Wiggins  
Signature

Mike Wiggins  
Name

District Manager  
Title

1-21-2000  
Date

### Safety & Environmental Department

Jo Ann Cobb  
Signature

Jo Ann Cobb  
Name

Mgr. Env. Services  
Title

01-07-2000  
Date

## Engineer's Certification

I hereby certify that I have examined the SPCC Plan for BJ Services Company, U.S.A. Artesia, NM and found that it has been prepared in accordance with good engineering practices and meets the intent and objectives of 40 CFR 112 as amended.

[Signature]  
Signature, Registered Professional Engineer

68741 Texas  
Registration Number and State

Thomas Ray Starks II  
Name

10 Jan 2000  
Date

## Table of Contents

<b>1.0</b>	<b>Introduction .....</b>	<b>1</b>
1.1	Purpose .....	1
1.2	General Requirements .....	1
<b>2.0</b>	<b>Facility Operations .....</b>	<b>2</b>
2.1	Description of Facility Operations.....	2
2.2	Site Schematic Drawing .....	3
2.3	Oil Products Spill History.....	4
2.4	Facility Drainage.....	4
2.5	Storage Facilities .....	4
2.6	Description of Facility Transfer Operations .....	4
<b>3.0</b>	<b>Spill Prevention and Control Procedures.....</b>	<b>6</b>
3.1	Location and Description of Emergency Spill Response Supplies.....	6
3.2	Removal of Spills .....	6
3.3	Personnel Training.....	6
3.4	Storage Procedures .....	7
3.5	Transfer Operation Procedures .....	7
3.6	Security .....	8
3.7	Illumination .....	8
3.8	Inspection and Recording Activities.....	8
<b>4.0</b>	<b>Contingency Plan.....</b>	<b>10</b>
4.1	Emergency Response Action List.....	10
4.2	Emergency Procedures .....	10
4.3	Corrective Action .....	11
4.4	Spill Reporting and Documentation .....	11
	<b>Document Review History .....</b>	<b>13</b>

# **SPILL PREVENTION CONTROL AND COUNTERMEASURE PLAN**

**(Includes Contingency Plan)**

**BJ Services Company, USA**

---

**2401 Sivley  
Artesia, NM 88210**

## **1.0 INTRODUCTION**

### **1.1 Purpose**

The purpose of the Spill Prevention Control and Countermeasure (SPCC) Plan is to prevent the discharge of petroleum products into the waters of the United States. This will be accomplished by preventing spills and detailing clean up and recovery measures by focusing on prevention, point source control, emergency spill control, and secondary containment.

### **1.2 General Requirements**

This SPCC Plan must be reviewed at least once every three years to include recently developed prevention and control technology, if such technology will significantly reduce the likelihood of a spill event from the facility and if such technology has been field-proven at the time of the review, (40 CFR 112.5 [b]); certification is required by a registered professional engineer (40 CFR 112.5 [c]). A document review history form is included as the last page of this plan.

This SPCC Plan must be amended whenever there is a material change in facility design, construction, operations or maintenance that alters the potential for a petroleum product spill or whenever a facility has:

1. Discharged more than 1,000 gallons into navigable waters in a single spill event,
- or
2. Discharged petroleum products in harmful quantities into navigable waters in two reportable spill events within any 12-month period (40 CFR 112.4 and 40 CFR 112.5).

A copy of this SPCC Plan must be submitted to the EPA and the appropriate State agency after a spill meeting the criteria described in Items 1 or 2 occurs. When amendments to the SPCC Plan are directed by the EPA Administrator or the State, they must be implemented within six months. The provisions of this SPCC Plan will be immediately carried out whenever there is a fire, explosion or release that could threaten human health or the environment. Copies of this SPCC Plan and all revisions will be maintained at the Artesia, NM facility.

## **2.0 FACILITY OPERATIONS**

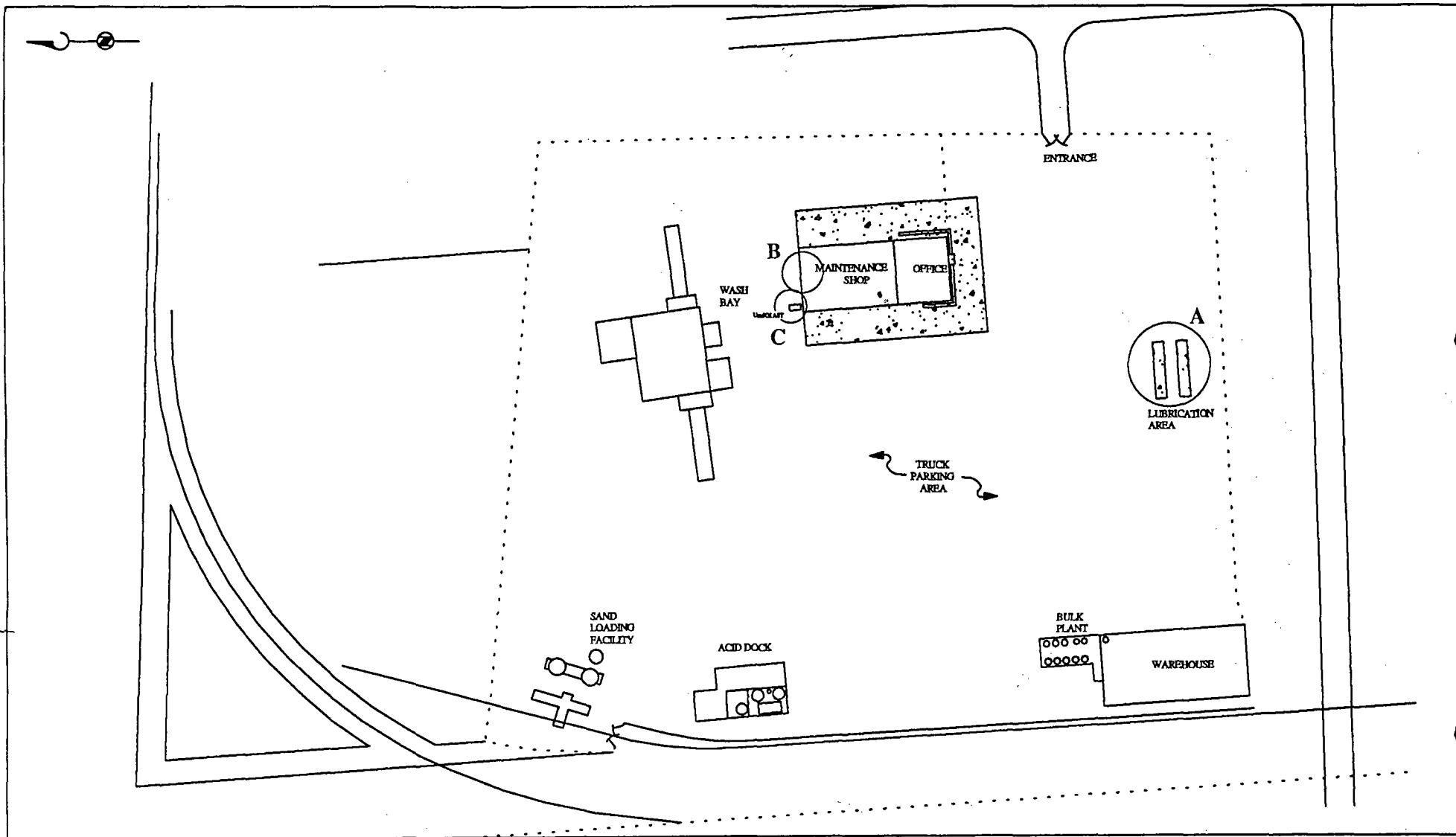
### **2.1 Description of Facility Operations**

BJ Services Company, USA, Artesia is an oil field service facility that operates 24 hours a day, 7 days a week. It engages in well fracturing, well acidizing, well cementing, truck maintenance, truck washing, fuel storage and dispensing, bulk sand storage and dispensing, cement storage and dispensing, chemical storage and dispensing, and bulk oil storage.

The facility consists of an office building, shop building, warehouse, general maintenance building, aboveground storage tanks, fuel dispensing equipment, truck wash water separator, truck wash rack, bulk cement facility and yard for truck parking and equipment storage.

#### **Site Data:**

- A. Name of Facility:** BJ Services Company, USA
- B. Type of Facility:** Oil Field Service Company
- C. Date of Initial Operation:** April 1995
- D. Facility Location:** 2401 Sivley  
Artesia, NM 88210
- E. Owner Name/Address:** BJ Services Company, USA  
5500 Northwest Central Drive  
Houston, TX 77092
- F. Operator Name/Address:** BJ Services Company, USA  
2401 Sivley  
Artesia, NM 88210
- G. EPA ID Number:** NMD000711515
- H. Name and Title of  
Spill Prevention  
Coordinator (SPC):** Perry Britton, Facility Supervisor
- I. District Manager:** Mike Wiggins



**BJ Services Company, USA**  
P.O. Box 4442 (77210-4442)  
5500 Northwest Central Drive  
Houston, Texas 77092

**Figure 1 : Site Layout Diagram - Artesia, New Mexico District**

Facility Address: 2401 Sivley Road  
Artesia, New Mexico

0 50 100  
  
SCALE: 1" = 100'

**REVISION DATE:**  
5/28/99

**DRAWN BY:**  
BC/RNJ



## 2.3 Oil Products Spill History

This facility has not experienced an oil products spill event as defined by 40 CFR 112 in its history of operations.

### Potential Spill Areas

Location	Container	Contents	Failure Type	Stored Amount	Containment
A	AST (5)	Various types and grades of motor oil	Tank Rupture or Line Leak	500 gallons each	Fiberglass Containment Pan
B	AST (6)*	Various types and grades of motor oil	Tank Rupture or Line Leak	500 gallons each	Fiberglass Containment Pan
C	AST	Used Oil	Tank Rupture or Line Leak	1,000 gallons	Fiberglass Containment Pan

\* On Concrete Foundations

UST—Underground Storage Tank

AST—Above Ground Storage Tank

## 2.4 Facility Drainage

Yard area drains to an area running from north to south (west of shop). Discharge leaves the facility at the middle of the south property line.

## 2.5 Storage Facilities

**Area A – Lubrication Area:** This area consists of five 500 gallon ASTs in a containment berm. This area is on the south part of the yard – mid way east to west. These tanks are inside a fiberglass containment pan.

**Area B – Maintenance Shop Area:** This area consists of six 500 gallon ASTs located inside along the north wall of the maintenance shop. The tanks are inside a fiberglass containment pan.

**Area C – Used Oil Tank Area:** This area consists of one 1,000 gallon AST located outside the north end of the shop building. This tank is inside a fiberglass containment pan.

## 2.6 Description of Facility Transfer Operations

### ***TRANSFER OPERATIONS AND FREQUENCY***

**Area A:** Tanks loaded by outside vendor service truck (weekly)—Engine oil level is checked and filled from tank with air pump as needed.

**Area B:**

Tanks loaded by outside vendor service truck (weekly)—Engine oil level is checked and filled from tank with air pump as needed.

**Area C:**

Tank is filled via a pump and hoses from inside the maintenance shop on a daily basis. The tank is emptied on an as needed basis by a vendor service truck.

### **3.0 SPILL PREVENTION AND CONTROL PROCEDURES**

#### **3.1 Location and Description of Emergency Spill Response Supplies**

The facility is prepared to contain and recover a spill on-site. Supplies necessary for spill containment and recoveries are:

- ◆ Shovels to construct temporary berms and containment depressions
- ◆ Secondary containment/barrier materials that will be used to encircle a spill and prevent migration
- ◆ Sorbants such as mats, rags, socks and granules

This equipment is maintained by the Spill Prevention Coordinator and is located near Areas A and B. Personnel are prepared to use them properly during a spill event.

#### **3.2 Removal of Spills**

##### **Areas A and B**

The procedure for handling a spill is as follows:

- ◆ Barrier materials will be appropriately placed to keep spills from leaving the boundaries of the site and to keep material pooled.
- ◆ Absorbent materials will be placed on the spill as needed.
- ◆ Absorbent materials will be collected and placed into DOT approved drums.
- ◆ The drums will be transported by a licensed transporter to an approved disposal site.

#### **3.3 Personnel Training**

The facility is responsible for training its personnel in the operation and maintenance of equipment to prevent the discharge of oil products as required by 40 CFR 112 and 40 CFR Chapter 1, Subpart D. The training schedule will consist of frequent briefings with at least one briefing to assure adequate understanding of the SPCC Plan. The Spill Prevention Coordinator will maintain training records.

##### **Training will be scheduled for the following:**

- ◆ Initial assignment training for new employees

- ◆ Annual refresher training
- ◆ Special training sessions to be conducted for review of spill events or other events that trigger amendments to the SPCC Plan

**Training Program content:**

- ◆ Individual responsibility for plan implementation
- ◆ Identification of operations and areas of potential spills
- ◆ Spill prevention strategies
- ◆ Location of emergency response equipment
- ◆ Emergency procedures
- ◆ Spill control measures including operation of equipment to prevent discharges
- ◆ Emergency contacts and chain of command
- ◆ Corrective action procedures
- ◆ Record keeping
- ◆ SPCC Plan Modifications

**Response to a Spill:**

An employee who identifies a spill will take action to control the spill and then will notify the Spill Prevention Coordinator.

### **3.4 Storage Procedures**

No storage container will be used unless its material and its construction are compatible with the material stored and the conditions of storage such as pressure, temperature, corrosivity, as well as other compatibility considerations. All bulk storage tank installations will be constructed so that a secondary means of containment is provided for the entire contents of the largest single tank plus precipitation.

### **3.5 Transfer Operation Procedures**

All personnel of the BJ Services Company, USA Artesia shall ensure that the following

precautionary measures are taken during transfer procedures in all areas of the facility:

- ◆ No smoking in the vicinity of flammable and/or explosive tanks, drums or carrier vehicles.
- ◆ Transferring vehicle will set parking brake.
- ◆ Verify that the volume being transferred is less than the unfilled volume of the receiving container.
- ◆ Trained personnel will conduct and/or oversee the transfer operation.
- ◆ Clean up any material dripped or spilled during the transfer.

### **3.6 Security**

The facility operates 24 hours per day, 7 days per week. A trained dispatcher and a chain link security fence controls access to the facility 24 hours per day.

### **3.7 Illumination**

External lights on buildings and light poles located throughout the site light the work areas of the facility during the hours of darkness.

### **3.8 Inspection and Recording Procedures**

Facility reviews that include aspects of the facility's SPCC program are conducted at the facility on a regular basis. These facility reviews are conducted annually by the Corporate Safety and Environmental Group, at least semiannually by the Regional Safety and Training Manager, and periodically by the Spill Prevention Coordinator or his designee. The inspections will include potential spill sources such as:

- |                 |                               |
|-----------------|-------------------------------|
| ◆ Storage tanks | ◆ Piping and hoses            |
| ◆ Drums         | ◆ Separators                  |
| ◆ Containers    | ◆ Loading and unloading areas |

Aboveground tanks and assorted containers should be checked visually for tightness integrity. All aboveground valves and piping should be inspected regularly by operations personnel to determine their general condition.

Availability of spill response equipment and supplies will also be checked during these inspections. Deficiencies will be reported to the Spill Prevention Coordinator.

The Spill Prevention Coordinator will maintain inspection records. Completed inspection records will be maintained in the facility environmental files for a period of three years.

## 4.0 CONTINGENCY PLAN

### 4.1 Emergency Response Action List

#### District Manager

Mike Wiggins

2008 Bullock

Artesia, NM 88210

(w) (505) 746-3140

(h) (505) 748-3687

#### Spill Prevention Coordinator

Perry Britton

16 Randy Drive

Artesia, NM 88210

(w) (505) 746-3140

(h) (505) 365-2498

Fire Department.....911

Ambulance.....911

Physician.....911

Hospital.....911

Clean-up Contractor .....CURA Emergency Services (CES)  
.....1-800-579-2872

Law Enforcement .....911 – POLICE

#### BJ Services Company, USA – Manager of Environmental Services

Jo Ann Cobb .....(w) 281/357-2572

### 4.2 Emergency Procedures

During an emergency, the Spill Prevention Coordinator will take all reasonable measures necessary to ensure that fires, explosions and releases do not occur, recur or spread to other areas of the facility. Those measures must include, where applicable, stopping processes and operations and collecting and containing spill material. If the facility stops operations in response to a fire, explosion or release, the Spill Prevention Coordinator must monitor for leaks, pressure buildup or ruptures in valves, pipes or other equipment, wherever this is appropriate.

## **Response to Spills**

The facility employees will be made aware of the need to report all spills, with the exception of minor spills or drips. When observing a spill, personnel on the scene will immediately notify the Spill Prevention Coordinator and take emergency remedial action to mitigate the damage.

### **4.3 Corrective Action**

If a significant spill or other event occurs, a meeting that includes all relevant personnel will be held to discuss causes of the situation, remedial activities and preventative measures. The meeting will be documented and the SPCC Plan amended as necessary. Personnel will receive additional training as necessary to prevent future incidents and to review SPCC Plan revisions.

### **4.4 Spill Reporting and Documentation**

The Facility Spill Prevention Coordinator is responsible for all reporting and documentation procedures. Spills entering the drainage ditches that are located on the sides of the facility in harmful quantities as defined by 40 CFR 110.3 are required to be reported under 40 CFR 110.10. The facility will document for its own records all spills onto its site with the exception of minor spills and drips. Spill reporting and documentation procedures are as follows:

- ◆ The Spill Prevention Coordinator, when notified that a spill has occurred, will complete a BJ Spill Report Form in Lotus Notes.
- ◆ If it is determined by the Spill Prevention Coordinator that the spill has entered off-site ditches, the Coordinator will proceed with the following report procedures:

Notify BJ Services Company, USA Safety & Environmental Department:

**Jo Ann Cobb** **281/357-2572**  
11211 FM 2920  
Tomball, TX 77375

- ◆ BJ Services Company, USA Environmental Department will contact state and federal agencies and will submit the written spill documentation information.
  1. Notify and file a copy of the spill documentation form with the New Mexico Environment Department.

**New Mexico Environment Department** **505/827-9329**  
1190 St. Francis Drive, Harold Runnels Building  
P.O. Box 26110  
Santa Fe, New Mexico 87502-6110



2. Call the National Response Center and report that a spill has occurred.
3. Notify and file a copy of the spill documentation form with the Environmental Protection Agency.

**EPA Region VI**

**(214) 655-6444**

1445 Ross Avenue, Suite 1200  
Dallas, TX 75202-2733

## Spill Prevention, Control and Countermeasures Document Review History

In accordance with 40 CFR 112.5(b), a review and evaluation of this SPCC Plan is conducted at least once every three years. As a result of this review and evaluation, BJ Services Company, USA will amend the SPCC Plan within six months of the review. A Professional Engineer will certify any amendment to the SPCC Plan.

Review Date	Amendment of SPCC Plan Necessary? (Yes or No)	Description of Changes Necessary	Reviewed By (Printed Name and Title)	Signature

**Attachment 5**  
**Closure/Compliance Information**

NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT

Jennifer A. Salisbury  
CABINET SECRETARY

Oil Conservation Div.  
Environmental Bureau  
2040 S. Pacheco  
Santa Fe, NM 87505

## Memorandum of Meeting or Conversation

Telephone X

### Personal

**E-Mail**                      **X**

**Time: 10am**

**Date:** January 10, 2000

**Originating Party: Wayne Price-OCD**

**Other Parties:** Jo Ann Cobb- BJ Services Tele: 281-357-2572, Fax 281-357-2585, E-mail jcobb@bjsservices.com

**Subject: Discharge Plan Renewal Notice for the following Facilities:**

**GW-190      Artesia Yard      expires      06/13/2000**

**GW-      Name      expires**

<b>GW-</b>	<b>Name</b>	<b>expires</b>
------------	-------------	----------------

GW-	Name	expires
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		
31		
32		
33		
34		
35		
36		
37		
38		
39		
40		
41		
42		
43		
44		
45		
46		
47		
48		
49		
50		
51		
52		
53		
54		
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
71		
72		
73		
74		
75		
76		
77		
78		
79		
80		
81		
82		
83		
84		
85		
86		
87		
88		
89		
90		
91		
92		
93		
94		
95		
96		
97		
98		
99		
100		

**WQCC 3106.F.** If the holder of an approved discharge plan submits an application for discharge plan renewal at least 120 days before the discharge plan expires, and the discharger is not in violation of the approved discharge plan on the date of its expiration, then the existing approved discharge plan for the same activity shall not expire until the application for renewal has been approved or disapproved. A discharge plan continued under this provision remains fully effective and enforceable. An application for discharge plan renewal must include and adequately address all of the information necessary for evaluation of a new discharge plan. Previously submitted materials may be included by reference provided they are current, readily available to the secretary and sufficiently identified to be retrieved. [12-1-95]

**Discussion:** Left Message on Voice Mail: Discussed WQCC 3106F and gave notice to submit Discharge Plan renewal application with \$50.00 filing fee for the above listed facilities.

### Conclusions or Agreements:

**Signed:**

CC: E-Mail + JAX



State of New Mexico  
**ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT**  
Santa Fe, New Mexico 87505



**RECEIVED**  
JAN 30 1994  
REAL ESTATE AND  
FACILITIES CONSTRUCTION

January 26, 1995

**CERTIFIED MAIL**  
**RETURN RECEIPT NO. P-765-962-811**

Mrs. Angela Hardy  
Environmental Coordinator  
The Western Company  
515 Post Oak Blvd.  
Suite 915  
Houston, TX 77027-9407

**RE: Discharge Plan Requirement  
Artesia Facility  
Eddy County, New Mexico**

Dear Mrs. Hardy:

Under the provision of the Water Quality Control Commission (WQCC) Regulations, you are hereby notified that the filing of a discharge plan is required for the Artesia Facility located in Eddy County, New Mexico.

The notification of discharge plan requirement is pursuant to Section 3-104 and 3-106 of the WQCC regulations. The discharge plan, defined in Section 1.101.P of the WQCC regulations should cover all discharges of effluent or leachate at the facility site or adjacent to the facility site. Included in the plan should be plans for controlling spills and accidental discharges at the facility, including detection of leaks in buried underground tanks and/or piping.

Pursuant to Section 3-106.A, a discharge plan should be submitted for approval to the OCD Director within 120 days of receipt of this letter. Three copies of the discharge plan should be submitted.

**VILLAGRA BUILDING - 408 Gallateo**  
Forestry and Resources Conservation Division  
P.O. Box 1948 87504-1948  
827-5830  
Park and Recreation Division  
P.O. Box 1147 87504-1147  
827-7465

**2040 South Pacheco**  
Office of the Secretary  
827-5950  
Administrative Services  
827-5925  
Energy Conservation & Management  
827-5900  
Mining and Minerals  
827-5970  
Oil Conservation  
827-7131

Mrs. Angela Hardy  
January 26, 1995  
Page 2

A copy of the regulations have been provided for your convenience. Also provided was an OCD guideline for the preparation of discharge plans at oil & gas service companies. The guideline addresses berming of tanks, curbing and paving of process areas susceptible to leaks or spills and the disposition of any solid wastes.

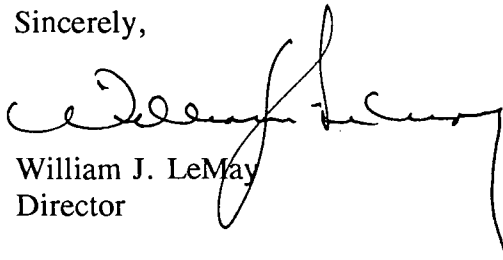
The discharge plan is subject to the WQCC Regulation 3-114 discharge plan fee. Every billable facility submitting a discharge plan will be assessed a fee equal to the filing fee of fifty (50) dollars plus the flat rate of one thousand, three hundred and eighty (\$1380) dollars for oil & gas service companies. The fifty (50) dollar filing fee is due when the discharge plan is submitted. The flat rate fee is due upon approval of the discharge plan.

Please make all checks payable to: **NMED Water Quality Management** and addressed to the OCD Santa Fe office.

(505)

If there are any questions on this matter, please feel free to contact Mark Ashley at 827-7155 or Roger Anderson at 827-7152.

Sincerely,



William J. LeMay  
Director

WJL/mwa

XC: OCD Artesia Office



**STATE OF NEW MEXICO**

**ENVIRONMENTAL IMPROVEMENT DIVISION**

P.O. Box 968, Santa Fe, New Mexico 87503  
(505) 827-5271

Russell F. Rhoades, Director  
AIR QUALITY BUREAU

Bruce King  
GOVERNOR

George S. Goldstein, Ph.D.  
SECRETARY

Larry J. Gordon, M.S., M.P.H.  
DEPUTY SECRETARY

June 25, 1982

CERTIFIED MAIL NO. 894254  
RETURN RECEIPT REQUESTED

Mr. Vern Sorgee  
Environmental Compliance Specialist  
The Western Company of North America  
P.O. Box 186  
Fort Worth, TX 76101

RE: Permit # 313-M-1 - Modification - The Western Company of North America  
Artesia, New Mexico

Dear Mr. Sorgee;

This letter constitutes a permit pursuant to New Mexico Air Quality Control Regulation 702 for the Western Company of North America to modify its sand and hydrochloric acid storage facility located in Artesia, New Mexico. This permit is issued only for the facility and operational specifications defined in the permit application which was received by this Bureau on May 12, 1982 and deemed complete on May 25, 1982.

The estimated maximum air pollutant emissions from the operation of this sand and hydrochloric acid storage facility are 18 pounds per hour of particulate matter and 4.5 pounds per hour of hydrochloric acid vapours.

The permit application has been evaluated by the Air Quality Bureau for compliance with applicable New Mexico Air Quality Control Regulations, the New Mexico Air Quality Control Act, and both New Mexico and federal ambient air quality standards. There are no federal New Source Performance Standards promulgated for this type of facility. As a result it appears that the construction and subsequent operation of the proposed facility will meet all applicable state and federal air pollution control emission regulations and the dispersed air pollutant emissions will not exceed any state or federal ambient air quality standards.

The permit is issued under the following specific conditions, and general conditions (attached):

1. The sand storage facility to be constructed at this facility shall consist of two elevated steel silos 1.25 million pounds each and one 400,000 pound capacity sand storage silo. The hydrochloric acid storage shall consist of one elevated steel, rubber-lined storage tank of 25,000 gallon capacity.

Mr. Vern Sorgee  
June 25, 1982  
Page 2

2. The hydrochloric acid storage facility shall be equipped with an acid vapour scrubber which will be operated at all times during the loading and unloading of the acid.
3. Reasonable measures shall be used wherever and whenever necessary to suppress fugitive particulate matter emissions related to the loading and unloading operations. Visible emissions from fugitive dust emissions shall not exceed 20 per cent opacity.
4. The permittee is authorized to operate this source 8 hours per day, 365 days per year.
5. A performance test for this facility is waived and an inspection by this department shall be made after the facility is put into operation.

If you have any questions regarding this permit or the conditions under which it has been issued, please contact me or Mr. Arun K. Dhawan.

Sincerely,



Lee Lockie  
Chief

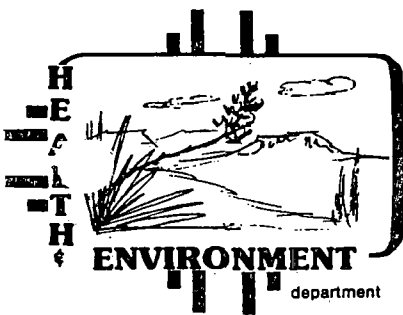
LL:AKD:lo

cc: Bruce Nicholson *BN*  
Arun K. Dhawan  
A. S. Shankar *AS*  
David Duran *DD*  
John Guinn, Env. Mgr., Roswell



General Permit Conditions

1. The permittee shall notify the department of the anticipated date of initial startup within thirty days of startup and shall notify the department of the actual date of initial startup within 15 days after startup.
2. The permittee shall notify the department if it intends to shut down the facility for one year or more within fifteen days after shut down. The permittee shall also notify the department of the date that the facility again commences operation within fifteen days thereon.
3. If construction is not commenced within one year from the date of issuance, or if during construction work is suspended for a total of one year, the department may cancel this permit.
4. This permit and conditions shall apply in the event of any change in control or ownership of this facility. In the event of any such change in control or ownership, the permittee shall notify in writing the succeeding owner of the existence of this permit and shall forward a copy of such letter to the department.
5. If any changes to the plant design or operation are desired by the permittee, including the amount or quality of the fuel used in the engine that may increase air contaminant emissions, such changes shall be proposed to the department for a determination as to whether a permit to modify is required prior to carrying out such changes.
6. The permittee shall retain records of all information resulting from monitoring activities and information indicating operating parameters as specified in the specific conditions of this permit for a minimum of two years from the recording date.



**STATE OF NEW MEXICO**

**ENVIRONMENTAL IMPROVEMENT DIVISION**  
P.O. Box 968, Santa Fe, New Mexico 87503  
(505) 827-5271

Thomas E. Baca, M.P.H., Director  
AIR QUALITY BUREAU

**Bruce King**  
GOVERNOR

George S. Goldstein, Ph.D.  
SECRETARY

Larry J. Gordon, M.S., M.P.H.  
DEPUTY SECRETARY

May 26, 1980

CERTIFIED MAIL NO.6678789  
RETURN RECEIPT REQUESTED

Ms. Kay Lamb, Legal Assistant  
The Western Company of North America  
P.O. Box 186  
Fort Worth, Texas 76101

RE: Cement Blending Plant at Artesia, Application No. 313

Dear Ms. Lamb:

Your permit application requesting permission to construct a cement blending plant at Artesia, New Mexico has been reviewed by the Air Quality Engineering Review Unit.

The results of the review show that neither a permit nor a certificate of registration is required under New Mexico Air Quality Regulations No. 702 and No. 703.

We appreciate your efforts to comply with the New Mexico Air Quality Act and Regulations.

Sincerely,

*David O. Quintana*

David O. Quintana, P.E.  
Air Quality Engineering Section

DOQ:lo

cc: Ken Hargis/David Duran  
Don Tryk  
John Guinn, Env. Mgr., Roswell



