

**GW - 115**

**GENERAL  
CORRESPONDENCE**

**YEAR(S):**

**1992-2003**

ACKNOWLEDGEMENT OF RECEIPT  
OF CHECK/CASH

I hereby acknowledge receipt of check No. [redacted] dated 1-14-04,  
or cash received on \_\_\_\_\_ in the amount of \$ 1,700.00

from Halliburton Energy  
for Artesia Service Facility GW-115

Submitted by: [Signature] Date: 1-22-04

Submitted to ASD by: \_\_\_\_\_ Date: \_\_\_\_\_

Received in ASD by: \_\_\_\_\_ Date: \_\_\_\_\_

Filing Fee \_\_\_\_\_ New Facility \_\_\_\_\_ Renewal   
Modification \_\_\_\_\_ Other \_\_\_\_\_  
(specify)

Organization Code 521.07 Applicable FY 2001

To be deposited in the Water Quality Management Fund.

Full Payment  or Annual Increment \_\_\_\_\_

HALLIBURTON ENERGY SVC ELAINA ROSS 5801 N LOVINGTON HWY. HOBBS, MN 88240		78-9647914 530000920000 <u>1-14-04</u>
Pay to the order of <u>wm@m/f/ocd</u>	\$ <u>1700.00</u>	<input checked="" type="checkbox"/> Security Features included. Details on Back.
citi CITIBANK USA, N.A. PAYABLE THROUGH CITIBANK (SOUTH DAKOTA), N.A. 701 E. 86TH STREET NORTH, SIOUX FALLS, SD 57104 805-331-2628		<u>Discharge Plan/Artesia Elaina Ross</u>

THE SANTA FE  
**NEW MEXICAN**

Founded 1849

**RECEIVED**

DEC 02 2003

OIL CONSERVATION  
DIVISION

NM OIL CONSERVATION D  
1220 ST. FRANCIS DR  
ATT MARY ANAYA  
SANTA FE NM 87505

ALTERNATE ACCOUNT: 56689  
AD NUMBER: 00039982 ACCOUNT: 00002212  
LEGAL NO: 74386 P.O. #: 04-199-050340  
433 LINES 1 TIME(S) 296.56  
AFFIDAVIT: 5.25  
TAX: 20.19  
TOTAL: 322.00

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 # 74386 a copy of which is hereto attached was published in said newspaper 1 day(s) between 12/01/2003 and 12/01/2003 and that the notice was published in the newspaper proper and not in any supplement; the first date of publication being on the 1st day of December, 2003 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 1st day of December, 2003

Notary Laura J. Harding

Commission Expires: 11/23/07

**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-151) - El Paso Natural Gas Company, Robert H. St. John, Principal Environmental Scientist, (432) 686-3268, 3300 North "A" Building Two, Suite 200, Midland, TX 79705, has submitted its discharge permit renewal application for its Eunice B Compressor Station located in the NW/4 NW/4 of Section 5, Township 21 South,

Range 36 East, NMPM, Lea County, New Mexico. Approximately 50 gallons per day of wastewater will be stored in above-ground, steel tanks prior to disposal at an OCD-approved offsite disposal facility. Groundwater most likely to be affected in the event of an accidental discharge is at an estimated depth of approximately 160 feet with a total dissolved solids concentration of approximately 1,000 mg/l. The discharge permit addresses how oil field products and waste will be properly handled, stored, and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water.

(GW-353) - Williams Field Services, Michael K. Lane, (505) 632-4625, 118 CR 4900, Bloomfield, New Mexico 87413, has submitted a discharge permit renewal application for the Williams Field Services Culppeper Compressor Station located in the NE/4 NE/4 of Section 1, Township 31 North, Range 13 West, NMPM, San Juan County, New Mexico. Approximately 500 to 1,500 barrels per year of processed water is stored in an above ground double-walled fiberglass storage tank prior to transport to an OCD approved off-site disposal facility. The total dissolved solids (TDS) of the produced water is approximately 1,100 milligrams per liter (mg/l). Ground water most likely to be affected in the event of an accidental discharge at the surface is at a depth of 50 to 200 feet with estimated total dissolved solids concentration ranging from approxi-

mately 200 mg/l to 2000 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-310) - Williams Field Services, Michael K. Lane, (505) 632-4625, 118 CR 4900, Bloomfield, New Mexico 87413, has submitted a discharge permit renewal application for the Williams Field Services North Crandall Compressor Station located in the SW/4 NE/4 of Section 2, Township 30 North, Range 11 West, NMPM, San Juan County, New Mexico. Approximately 500 to 2,000 barrels per year of processed water is stored in an above ground double-walled fiberglass storage tank prior to transport to an OCD approved off-site disposal facility. The total dissolved solids (TDS) of the produced water is approximately 1,100 milligrams per liter (mg/l). Ground water most likely to be affected in the event of an accidental discharge at the surface is at a depth of 7 to 20 feet with estimated total dissolved solids concentration ranging from approximately 397 mg/l to 987 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-307) - Williams Field Services, Michael K. Lane, (505) 632-4625, 118 CR 4900, Bloomfield, New Mexico 87413, has submitted a discharge permit renewal application for the Williams Field Services Laguna Seca Compressor Station located in the SW/4 of Section 19, Township 31 North, Range 5 West NMPM.

Rio Arriba County, New Mexico. Approximately 2000 to 9000 barrels per year of produced and waste water is stored in an above ground storage tank prior to transport to an approved Williams Field Services evaporation facility or an OCD approved off-site disposal facility. The total dissolved solids (TDS) of the produced water is approximately 1,100 milligrams per liter (mg/l). Ground water most likely to be affected in the event of an accidental discharge at the surface is at a depth of 100 to 400 feet with estimated total dissolved solids concentration of approximately 2,000 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-308) - Williams Field Services, Michael K. Lane, (505) 632-4625, 118 CR 4900, Bloomfield, New Mexico 87413, has submitted a discharge permit renewal application for the Williams Field Services Martinez Draw Compressor Station located in the NE/4 NE/4 of Section 17, Township 31 North, Range 5 West, NMPM, Rio Arriba County, New Mexico. Approximately 2800 gallons per year of processed water is stored in a below ground double-walled fiberglass storage tank prior to transport to an OCD approved off-site disposal facility. The total dissolved solids (TDS) of the produced water is approximately 1,100 milligrams per liter (mg/l). Ground water most likely to be affected in the event of an accidental discharge at the surface is at a depth of 100 to 600 feet with estimated total dissolved solids concentration ranging from approximately 335 mg/l to 2,000 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

County, New Mexico. Approximately 3,500 gallons per day of wastewater is collected in the truck wash rack and floor sump then discharged into the City of Artesia Sewage Treatment System (POTW). Ground water most likely to be affected in the event of an accidental discharge is at a depth of approximately 25 feet with a total dissolved solids concentration ranging from 1200 mg/l to 3500 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-309) - Williams Field Services, Michael K. Lane, (505) 632-4625, 118 CR 4900, Bloomfield, New Mexico 87413, has submitted a discharge permit renewal application for the Williams Field Services Quintana Mesa Compressor Station located in the SE/4 SW/4 of Section 32, Township 32 North, Range 5 West, NMPM, Rio Arriba County, New Mexico. Approximately 2800 gallons per year of processed water is stored in a below ground double-walled fiberglass storage tank prior to transport to an OCD approved off-site disposal facility. The total dissolved solids (TDS) of the produced water is approximately 1,100 milligrams per liter (mg/l). Ground water most likely to be affected in the event of an accidental discharge at the surface is at a depth of 100 to 600 feet with estimated total dissolved solids concentration ranging from approximately 335 mg/l to 2,000 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-115) - Halliburton Energy Services, Saul Medina, (505) 392-0701, 2311 South First Street, Artesia, New Mexico 88210, has submitted a discharge application for the Halliburton Service facility located in Section 28, Township 17 South, Range 26 East, NMPM, Eddy

County, New Mexico. Approximately 3,500 gallons per day of wastewater is collected in the truck wash rack and floor sump then discharged into the City of Artesia Sewage Treatment System (POTW). Ground water most likely to be affected in the event of an accidental discharge is at a depth of approximately 25 feet with a total dissolved solids concentration ranging from 1200 mg/l to 3500 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

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/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 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 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 18th day of November 2003.

STATE OF  
NEW MEXICO  
OIL CONSERVATION  
DIVISION

SEAL  
LORI WROTENBERY,  
Director  
Legal #74388  
Pub: December 1, 2003

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(GW-353) - Williams Field Services, Michael K. Lane, (505) 632-4625, 118 CR 4900, Bloomfield, New Mexico 87413, has submitted a discharge permit renewal application for the Williams Field Services Culpeper Compressor Station located in the NE/4 NE/4 of Section 1, Township 31 North, Range 13 West, NMPM, San Juan County, New Mexico. Approximately 500 to 1,500 barrels per year of processed water is stored in an above ground double-walled fiberglass storage tank prior to transport to an OCD approved off-site disposal facility. The total dissolved solids (TDS) of the produced water is approximately 1,100 milligrams per liter (mg/l). Groundwater most likely to be affected in the event of an accidental discharge at the surface is at a depth of 50 to 200 feet with estimated total dissolved

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GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 18th day of November 2003.

STATE OF  
NEW MEXICO  
OIL CONSERVATION  
DIVISION

SEAL  
LORI WROTENBERY,  
Director

Legal #74389  
Pub. December 1, 2003

ACKNOWLEDGEMENT OF RECEIPT  
OF CHECK/CASH

I hereby acknowledge receipt of check No. [REDACTED] dated 10/20/03,  
or cash received on 10/27/03 in the amount of \$ 100.00  
from HALLIBURTON ENERGY SVC.  
for HALLIBURTON ENERGY GW-~~074~~ 115  
Submitted by: \_\_\_\_\_ Date: \_\_\_\_\_  
(Facility Name) (DP No.)  
Submitted to ASD by: Ed Martin Date: 10/27/03  
Received in ASD by: \_\_\_\_\_ Date: \_\_\_\_\_  
Filing Fee  New Facility \_\_\_\_\_ Renewal \_\_\_\_\_  
Modification \_\_\_\_\_ Other \_\_\_\_\_  
(Agency)  
Organization Code 521.07 Applicable FY 2001

To be deposited in the Water Quality Management Fund.  
Full Payment  or Annual Increment \_\_\_\_\_

HALLIBURTON ENERGY SVC ELAINA ROSS 5801 N LOVINGTON HWY. HOBBS, MN 88240		56-194/422	<span style="background-color: black; color: black;">[REDACTED]</span>
		<del>DATE</del> <u>10-20-03</u>	
Pay to the order of <u>AMED Water Quality Management</u>		<u>\$ 100.00</u>	
<u>One hundred and 00/100</u>		<del>Amount</del>  Security Features Include: Detail on Back.	
citibank® <small>CITIBANK USA, N.A. PAYABLE THROUGH FIRSTAR BANK CINCINNATI, OHIO 45150</small>		<u>Discharge Plan</u> <u>Renewal Fee for Hobbs</u> <u>Elaina Ross</u> <small>MP</small>	
<span style="background-color: black; color: black;">[REDACTED]</span>			

© REUSE WALLET OR DUPLICATE © ANTIQUE

To: Jack Ford  
Energy, Minerals & Natural Resources Dept.

RECEIVED

From: Stephen W. Bailey  
Halliburton Energy Services  
Hobbs, NM

OCT 23 2003  
OIL CONSERVATION  
DIVISION

Mr. Ford, enclosed is the application fee for the Discharge Plan for the Halliburton Hobbs facility located at 5801 Lovington Hwy.

GW-074

Thank You,

To: Oil Conservation Department  
Attn: Jack Ford

From: Halliburton Energy Services  
5801 Lovington Hwy  
Hobbs, NM 88240  
Stephen W. Bailey  
505-392-0701

Mr. Ford, Enclosed is a copy of the Notice that was placed in the Artesia Daily News for three days. If you need anything else, please let me know.

Thank You,

A handwritten signature in cursive script that reads "Stephen W. Bailey". The signature is written in black ink and is positioned to the right of the typed name "Stephen W. Bailey" in the address block above.

OCT 06 2003

**Affidavit of Publication**

**Copy of Publication:**

NO. \_\_\_\_\_

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  
3 consecutive weeks/days on the same

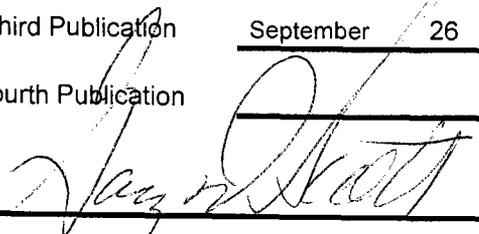
day as follows:

First Publication      September      24      2003

Second Publication    September      25      2003

Third Publication      September      26      2003

Fourth Publication



Subscribed and sworn to before me this

30th Day      September      2003

  
Notary Public, Eddy County, New Mexico

My Commission expires      September : 23, 2007

**NOTICE**

<sup>115</sup>  
(GW-074) - Halliburton Energy Services, Stephen Bailey, (505) 392-0701, 5801 Lovington Highway, Hobbs, New Mexico 88240, has submitted a discharge application for renewal of its previously approved discharge plan for the Artesia Facility located in Section 28, Township 17 South, Range 26 East, NMPM, Eddy County, New Mexico. All wastes generated will be stored in closed top receptacles prior to offsite disposal or recycling at an OCD approved site. Ground water most likely to be affected in the event of an accidental discharge is at a depth of approximately 30 feet with a total dissolved solids concentration of approximately 300 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed. The Oil Conservation Division, of the New Mexico Energy, Minerals, and Natural resources Department will accept comments and statements of interest parties regarding the application and will create a facility-specific mailing list for persons who wish to receive future notices. Interested parties may contact Jack Ford.

**Jack Ford**  
Oil Conservation Division  
P.O. Box 2088  
Sante Fe, NM 87501  
505-476-3440

(Gw-074) - los servicios de la energia de Halliburton, Stephen Bailey, (505) 392-0701, carretera de 5801 Lovington, Hobbs, Nuevo México 88240, han sometido una aplicacion de descarga para la renovacion de su plan previamente aprobado de descarga para la facilidad de Artesia situada en la seccion 28, township 17 del sur, se extienden 26 del este, NMPM, condado de Eddy, Nuevo México. Todas las basuras generadas serán almacenadas en receptáculos superiores cerrados antes de la disposicion del offsite o el reciclaje en un sitio aprobado OCD. El agua subterranea que sera afectada en el acontecimiento de una descarga accidental está muy probablemente en una profundidad de aproximadamente 30 pies con una concentracion disuelta total de los sólidos de aproximadamente 300 mg/l. Las direcciones del plan de la descarga cómo los derramamientos, los escapes, y otras descargas accidentales a la superficie serán manejados. La division de la conservacion del aceite, de la energia de Nuevo México, los minerales, y el departamento de los recursos naturales aceptarán comentarios y declaraciones por parte de los partidos interesados con respecto a la aplicacion y crearán una lista que envia facilidad-especifica para las personas que desean recibir los avisos futuros. Los partidos interesados pueden entrar en contacto con Jack Ford.

**Jack Ford**  
Oil Conservation Division  
P.O. Box 2088  
Sante Fe, NM 87501  
505-476-3440

### Bootlegger's Beans

Dear Friends: One of my mother's tried-and-true recipes is the one for BOOTLEGGERS BEANS -- a reader favorite and one that is requested a lot. Here is her original column that was printed in The Indianapolis Star on Sunday, Feb. 17, 1963: "Only once every three or four months do we publish a recipe which has been tried and true, tested and loved! Here is one called Bootlegger's Beans. It's cheap, it's quick and it's delish!

"Dice three strips of bacon and fry. When about half done, add a small chopped onion. When the onion is slightly browned, pour off most of the grease and add one can of pork and beans in tomato sauce, one tablespoon of brown sugar, two tablespoons of vinegar, two tablespoons of ketchup, stir well and cover. Let simmer for at least 30 minutes.

"This is far better when simmered or baked for two hours in your oven. It may be varied by using canned chili beans instead of pork and

beans.

"These two kinds of beans make completely different dishes! I added a little chili powder one day to the pork and beans recipe, and it was hot and tangy.

"This is wonderful when mixed all together on top of the stove, poured in a greased casserole dish and baked in the oven."

P.S. This is where I learned about "pantry cooking" and adding to canned beans, veggies, soups, etc. Throw in some spices, fresh herbs or even diced tomatoes to enhance the dish. -- Heloise  
**LOWER-CALORIE MEXICAN FOOD**

Dear Heloise: I just finished reading in your column about how to cut fat and calories from a Mexican meal. Most establishments serve some kind of broth-based soup, usually called tortilla soup. Start your meal with a cup, or even a bowl, of soup to keep your paws out of the chip basket (in fact, to avoid the temptation altogether, have it removed, or sit far away from it).

Then follow with a chicken instead of beef to cut fat and calories (unless your favorite place uses only lean cuts of beef). If you like enchiladas, ask the chef to use half the normal amount of cheese (if they aren't already made up -- Heloise). And, as you mentioned, avoid the sour cream (or limit yourself to a small dollop). You could also try dishes with seafood, such as shrimp fajitas, to keep fat at bay. -- Annmarie Ferry, Estero, Fla.

Being a Tex-Mex lover myself, your healthy hints are sure to help others who need a Mexican-food fix but want to watch some calories. -- Heloise

### NO MORE MESS

Dear Heloise: Here's a hint that helps prevent messes and/or spills: When cooking, remove the label from a can or jar to be recycled prior to opening it! I stained clothing and had to wipe up countertops and flooring before I realized that removing the label first would be the smarter thing to do. -- Karen Eriksen, Bloomfield, N.J.

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Artesia  
Daily  
Press**

503 W. Main

746-3524

### NOTICE

<sup>115</sup>  
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Oil Conservation Division  
P.O. Box 2088  
Sante Fe, NM 87501  
505-476-3440**

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**Jack Ford  
Oil Conservation Division  
P.O. Box 2088  
Sante Fe, NM 87501  
505-476-3440**



IF YOU DON'T  
GIVE ME A RAISE  
IMMEDIATELY  
I'M GOING TO  
QUIT...



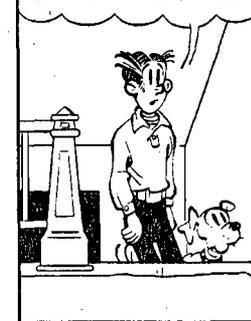
WHO WANTS TO  
HEAR ME SING A SONG



MOM SAYS I CAN  
HAVE YOUR ROOM WHEN  
I GO AWAY TO COLLEGE



HONEY, DID YOU FIND A  
HUNDRED-DOLLAR BILL?



PAW!! THAT'S  
A BIG OL'  
STORK OUT  
IN TH' YARD!!



**Ford, Jack**

---

**From:** Stephen Bailey[SMTP:Stephen.Bailey@Halliburton.com]  
**Sent:** Friday, February 23, 2001 1:08 PM  
**To:** Jack Ford-OCD  
**Subject:** Halliburton-Hobbs & Artesia, Disposal Changes

**To:** Jack Ford

**From:** Stephen Bailey  
Halliburton Energy Services

**Re:** Changes in Disposal of Oilfield Waste Streams for Hobbs and Artesia facilities

Mr. Jack Ford, This letter is to inform you that we are needing to make a change in where we dispose of our Oilfield Waste Streams. As you know there are certain waste streams that we can no longer send to a municipal landfill due to the fact that is related to the type of business that we are in.

These waste stream consist of cement, construction materials, 1 to 5 gallon buckets, broken pallets, hoses, gloves, rags, etc..

We are currently in the process of getting approval to allow CRI to dispose of these waste streams for the Hobbs and Artesia Halliburton Facilities. If you need any other information concerning this, please let me know and I will provide whatever you need.

Thank You,

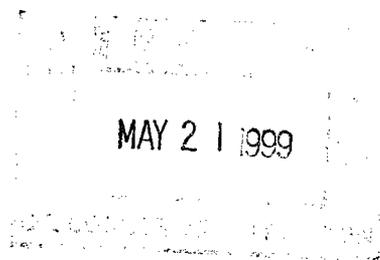
Stephen Bailey  
Shared Services Supervisor  
Hobbs, NM  
505-392-0701 Work

**Halliburton**

**Health, Safety and Environmental**

4100 Clinton (77020-6299) / Post Office Box 3 / Houston, TX 77001-0003

May 18, 1999



Mr. Jack Ford, CPG  
New Mexico Energy, Minerals & Natural Resources Department  
Oil Conservation Division  
2040 South Pacheco  
Santa Fe, NM 87505

RE: Halliburton Energy Services (HES)  
Artesia, Eddy County, New Mexico  
Underground Storage Tank Removal Report (Non-petroleum)

Dear Mr. Ford:

Please find enclosed the report on the removed underground tank from our former acid terminal at our Artesia, NM facility.

If you have any questions or comments, please contact me at 713-676-7898.

Sincerely,

A handwritten signature in black ink that reads "Jim McGinty". The signature is written in a cursive style with a horizontal line at the end.

Jim McGinty, P. G.  
Project Manager

Enclosure

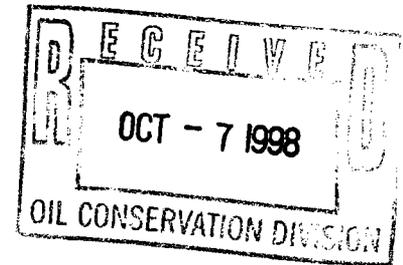
Cc: File

TO: State of New Mexico  
Attn: Jack Ford  
2040 S. Pacheco  
Santa Fe, New Mexico 84505

29 September 1998

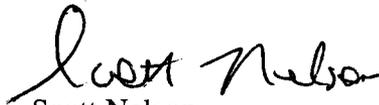
FROM: Halliburton Energy Services'  
5801 Lovington Hwy  
Hobbs, New Mexico 88240

RE: Holding tank removal



Jack,

Halliburton Energy Services, 2311 South First, Artesia, NM 88210 is in the process of removing two underground holding tanks. The tanks are fiberglass, capacity of 3000 gallons each. These tanks had no underground outlet valves. The tanks were used to receive neutralized acid residuals returning from field locations. The fluid was periodically pumped from the tanks to trucks for chemical blends. If you have any questions, please call 505-392-0746.

  
Scott Nelson  
Hobbs, NM



2340 Trinity Mills Road  
Suite 230  
Carrollton, Texas 75006-1939  
U.S.A.  
972/418-6202  
FAX: 972/418-5243

September 24, 1998

Mr. Jack Ford  
New Mexico Oil Conservation Division  
Environment Section  
Santa Fe, NM

Subject: **Removal of Underground Process Tanks**  
Halliburton Energy Services  
2311 South First Street  
Artesia, New Mexico  
Delta Project No. F098-130

Dear Mr. Ford:

Delta Environmental Consultants, Inc. (Delta) is providing this tank removal information on behalf of Halliburton Company. The two tanks in question are constructed of fiberglass with a capacity of approximately 5,000 gallons each. The tanks are part of a closed loop liquid recirculation system and do not discharge outside the system. The scope of work includes the following tasks.

1. Preparing a site-specific Health and Safety Plan to protect site workers and resources during field activities.
2. Mobilizing a Delta field supervisor to the site to oversee tank removal activities.
3. Providing a qualified excavation contractor to uncover the USTs, rinse and pump out any residual liquids or sludge, and remove the tanks from the tank hole.
4. Collecting one soil sample from each sidewall and the bottom of the tank hole for analysis of total petroleum hydrocarbons (TPH) by EPA Method 418.1. The sample with the highest TPH result will also be analyzed for volatile organics by EPA Method 8260 and semi-volatile organics by EPA Method 8270.
5. Backfilling the excavation with clean fill and compacting with the on-site equipment.

Providing a Competitive Edge

Removal of Underground Process Tanks  
Halliburton Energy Services  
Artesia, New Mexico  
Delta Project No. F098-130

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September 24, 1998  
Page 2

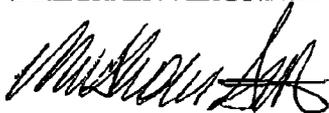
6. Sampling the removed fluids and coordinating off site disposal.
7. Providing transportation and disposal of the tanks following the removal and disposal of residual fluids.
8. Preparing a Summary Report describing the site activities with figures showing the UST area and sampling locations, tables summarizing laboratory results, copies of the laboratory reports, and disposal documentation.

All samples will be analyzed in standard turn-around-time so the TPH results will be available four days after the laboratory receives the samples, and the VOCs and SVOCs results will follow four to ten days later. Any soil and/or sludge removed will be stockpiled on and covered with a poly liner pending receipt of laboratory analytical results.

If you have any questions regarding the proposed work, please feel free to call me at 972-418-5936.

Sincerely,

**DELTA ENVIRONMENTAL CONSULTANTS, INC.**



Mark T. Smith  
Senior Geologist

MTS/bgw

cc: Mr. Jim McGinty - Halliburton

ACKNOWLEDGEMENT OF RECEIPT  
OF CHECK/CASE

I hereby acknowledge receipt of check No. [REDACTED] dated 6/17/98

or cash received on \_\_\_\_\_ in the amount of \$ 690.00

from Halliburton

for Artesia GW-115

Submitted by: \_\_\_\_\_ Date: \_\_\_\_\_

Submitted to ASD by: R. Clunder Date: 8/10/98

Received in ASD by: \_\_\_\_\_ Date: \_\_\_\_\_

Filing Fee \_\_\_\_\_ New Facility \_\_\_\_\_ Renewal   
Modification \_\_\_\_\_ Other \_\_\_\_\_

Organization Code 521.07 Applicable FY 98

To be deposited in the Water Quality Management Fund.

Full Payment  or Annual Increment \_\_\_\_\_

 HALLIBURTON ENERGY SVCS.  
MISTY DENNEY  
PH. 505-392-8531  
5801 LOVINGTON HWY.  
HOBBS, NM 88240-9155

6-17-98 56-194/422

Pay to the order of NMED Water Quality \$ 690.<sup>00</sup>/<sub>100</sub>  
Six hundred ninety + <sup>00</sup>/<sub>100</sub>

**CITIBANK**  
CITIBANK SOUTH DAKOTA, N.A.  
PAYABLE THROUGH STAR BANK  
CINCINNATI, OHIO 45260

GW-115 Artesia Misty Denney

© 1998 WALLEY OR DUPLICATE. ANTIQUE



HALLIBURTON ENERGY SVCS.  
 MISTY DENNEY  
 PH. 505-392-6531  
 5801 LOVINGTON HWY.  
 HOBBS, NM 88240-9155

No. [Redacted] 56-194/422

DATE 2-11-98

Pay to the order of NMED Water Quality \$ 50.00 /xx  
Fifty + 00 /xx

CITIBANK®  
 CITIBANK SOUTH DAKOTA, N.A.  
 PAYABLE THROUGH STAR BANK  
 CINCINNATI, OHIO 45150

MEMO Hobbs Gw074 Misty Denney MP



HALLIBURTON ENERGY SVCS.  
 MISTY DENNEY  
 PH. 505-392-6531  
 5801 LOVINGTON HWY.  
 HOBBS, NM 88240-9155

No. [Redacted] 56-194/422

DATE 2-11-98

Pay to the order of NMED Water Quality \$ 690.00 /xx  
Six hundred ninety + 00 /xx

CITIBANK®  
 CITIBANK SOUTH DAKOTA, N.A.  
 PAYABLE THROUGH STAR BANK  
 CINCINNATI, OHIO 45150

MEMO Hobbs Gw-074 Misty Denney MP



HALLIBURTON ENERGY SVCS.  
 MISTY DENNEY  
 PH. 505-392-6531  
 5801 LOVINGTON HWY.  
 HOBBS, NM 88240-9155

No. [Redacted] 56-194/422

DATE 6-17-98

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Six hundred ninety + 00 /xx

CITIBANK®  
 CITIBANK SOUTH DAKOTA, N.A.  
 PAYABLE THROUGH STAR BANK  
 CINCINNATI, OHIO 45150

MEMO Gw-115 Artesia Misty Denney MP

Jack,

Enclosed is the check for 690<sup>00</sup>  
for Artesia, NM. Hobbs has already  
been PAID!

Thank you  
best

# Artesia Daily Press

P.O. Box 190, Artesia, NM 88211-0190  
 Phone: (505) 746-3524  
 Fax: (505) 746-8795

## INVOICE

Invoice Date: <b>02/04/98</b>
Invoice Number: <b>1020461</b>
Customer Number: <b>10005610</b>

Oil Conservation Division  
 2040 South Pacheco St.  
 Santa Fe NM 87505

DATE	TYPE	DOC NO	REF NUMBER	DESCRIPTION	# OF INS	DEPTH	RATE	AMOUNT
02/04/98	INV	1020461	AVR:1020461 Ord:10262321	NOTICE OF PUBLICATION STATE OF Artesia Daily Press Legal Section, LEGAL NOTICE 2/4/98 State Sales Tax	1 1	12.25 12.25	39.20 2.43	39.20 2.43
				<b>This is your First Notice! Thank You!</b>				
I hereby certify that this is a true and correct statement to the best of my knowledge.								
				<i>Barbara Beans</i> Bookkeeper				

Please detach and return this portion with payment. To ensure proper credit to your account, please write your customer number on your check. If you have any questions about your account, please contact Accounts Receivable at (505) 746-3524.

Invoice Date <b>02/04/98</b>	Invoice Number <b>1020461</b>
Customer Number <b>10005610</b>	
Retail Advertising	PLEASE PAY: <b>41.63</b>

*Legal 16122*

ARTESIA DAILY PRESS  
 Attn: Accounts Receivable  
 P.O. Box 190  
 Artesia, NM 88211-0190

Oil Conservation Division  
 2040 South Pacheco St.  
 Santa Fe NM 87505

# The Santa Fe New Mexican

Since 1849 We Read You.

NM OCD  
ATTN: SALLY MARTINEZ  
2040 S. PACHECO ST.  
SANTA FE, NM 87505

AD NUMBER: 9791

ACCOUNT: 56689

LEGAL NO: 62962

P.O. #: 98-199-0021

RECEIVED

FEB - 5 1998

CONSERVATION DIVISION

166	LINES	ONCE	at \$	66.40
Affidavits:				5.25
Tax:				4.48
Total:				\$ 76.13

**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(s) have been submitted to the Director of the Oil Conservation Division, 2040 South Pacheco, Santa Fe, New Mexico 87505, Telephone (505) 827-7131:

(GW-115) - Halliburton Energy Services, Sherman Pierce, (505) 392-0701, 2311 South First Street, Artesia, New Mexico 88210, has submitted a discharge application for the Halliburton Service facility located in Section 28, Township 17 South, Range 26 East, NMPM, Eddy County, New Mexico. Approximately 1,300 gallons per day of waste water is collected in the truck washrack and floor sump then discharged in to the City of Artesia Sewage Treatment System (POTW). Ground water most likely to be affected in the event of an accidental discharge is at a depth of approximately 25 feet with a total dissolved solids concentration ranging from 1200 mg/l to 3500 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

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(s) 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 application(s), 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 plan(s) based on information available. If a public hearing is held, the Director will approve or disapprove the proposed plan(s) based on the information in the discharge plan application(s) and information submitted at the hearing.

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 26th day of January 1998.

STATE OF NEW MEXICO  
OIL CONSERVATION  
DIVISION  
KATHLEEN A. GARLAND,  
Acting Director

Legal #62962  
Pub. February 2, 1998

## AFFIDAVIT OF PUBLICATION

STATE OF NEW MEXICO  
COUNTY OF SANTA FE

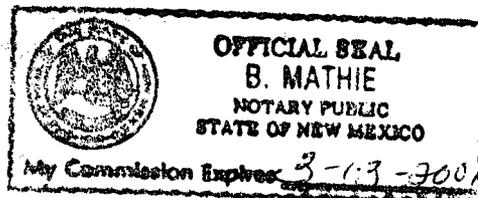
I, BETSY PERNER being first duly sworn declare and say that I am Legal Advertising Representative of THE SANTA FE NEW MEXICAN, a daily news paper published in the English language, and having a general circulation in the Counties of Santa Fe and Los Alamos, State of New Mexico and being a Newspaper duly qualified to publish legal notices and advertisements under the provisions of Chapter 167 on Session Laws of 1937; that the publication # 62962 a copy of which is hereto attached was published in said newspaper once each WEEK for ONE consecutive week(s) and that the notice was published in the newspaper proper and not in any supplement; the first publication being on the 2 day of FEBRUARY 1998 and that the undersigned has personal knowledge of the matter and things set forth in this affidavit.

/s/ Betsy Perner  
LEGAL ADVERTISEMENT REPRESENTATIVE

Subscribed and sworn to before me on this 2 day of FEBRUARY A.D., 1998

Notary B. Mathie  
Commission Expires 3-13-2001

ok  
ST



# Affidavit of Publication

No. 16122

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 state, and that the hereto 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 on days the same day as follows:

First Publication February 4, 1998

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

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

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

Subscribed and sworn to before me this 11th day of February 19 98

Robert L. Bean  
Notary Public, Eddy County, New Mexico

My Commission expires September 23, 1999

## LEGAL NOTICE

NOTICE OF PUBLICATION  
STATE OF NEW MEXICO  
ENERGY, MINERALS AND  
NATURAL RESOURCES  
DEPARTMENT  
OIL CONSERVATION  
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GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico

tion

on this 26th day of January 1998.

STATE OF NEW MEXICO  
OIL CONSERVATION  
DIVISION

s-Kathleen A. Garland,  
KATHLEEN A. GARLAND,  
Acting Director

SEAL  
Published in the Artesia Daily  
Press, Artesia, N.M. February  
4, 1998.

Legal 16122



NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT



OIL CONSERVATION DIVISION  
2040 South Pacheco Street  
Santa Fe, New Mexico 87505  
(505) 827-7131

January 28, 1998

*Artesia Daily Press*  
**Attention: Advertising Manager**  
*Post Office Box 190*  
*Artesia, New Mexico 88211*

**Re: Notice of Publication**

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

*Dear Sir/Madam:*

*Please publish the attached notice one time immediately on receipt of this request. Please proofread carefully, as any error in a land description or in a key word or phrase can invalidate the entire notice.*

*Immediately upon completion of publication, please send the following to this office:*

- 1. Publisher's affidavit in duplicate.**
- 2. Statement of cost (also in duplicate).**
- 3. Certified invoices for prompt payment.**

*We should have these immediately after publication in order that the legal notice will be available for the hearing which it advertises, and also so that there will be no delay in your receiving payment.*

*Please publish the notice no later than* February 4, 1998

*Sincerely,*

*Sally Martinez*  
Sally Martinez  
Administrative Secretary

*Attachment*

---



NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT



OIL CONSERVATION DIVISION  
2040 South Pacheco Street  
Santa Fe, New Mexico 87505  
(505) 827-7131

January 28, 1998

*The New Mexican*  
**Attention: Betsy Perner**  
202 East Marcy  
Santa Fe, New Mexico 87501

**Re: Notice of Publication**  
**PO # 98-199-00257**

*Dear Ms. Perner:*

*Please publish the attached notice one time immediately on receipt of this request. Please proofread carefully, as any error in a land description or in a key word or phrase can invalidate the entire notice.*

*Immediately upon completion of publication, please send the following to this office:*

- 1. Publisher's affidavit.**
- 2. Invoices for prompt payment.**

*We should have these immediately after publication in order that the legal notice will be available for the hearing which it advertises, and also so that there will be no delay in your receiving payment.*

*Please publish the notice no later than Monday, February 2, 1998.*

*Sincerely,*

  
Sally Martinez  
Administrative Secretary

*Attachment*

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ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION

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GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 26th day of January 1998.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION



KATHLEEN A. GARLAND, Acting Director

S E A L

**NOTICE OF PUBLICATION**

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

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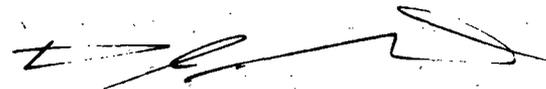
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GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 26th day of January 1998.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION



KATHLEEN A. GARLAND, Acting Director

S E A L

**SOUDER, MILLER & ASSOCIATES**  
CIVIL/ENVIRONMENTAL SCIENTISTS & ENGINEERS

401 Seventeenth St., Suite 4  
Las Cruces, NM 88005  
(505) 647-0799  
Fax (505) 647-0680

January 19, 1998

#1300439

Mr. W. Jack Ford, C.P.G.  
New Mexico Energy, Minerals & Natural Resources Department  
Oil Conservation Division  
2040 South Pacheco Street  
Santa Fe, NM 87505

**RECEIVED**

JAN 22 1998

Environmental Bureau  
Oil Conservation Division

RE: RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION REGARDING  
DISCHARGE PLAN GW-115 FOR THE HALLIBURTON ENERGY SERVICES  
FACILITY, ARTESIA, NEW MEXICO

Dear Mr. Ford:

Souder, Miller & Associates (SMA), on behalf of Halliburton Energy Services (HES), has prepared this letter in response to the request for additional information dated November 24, 1997 made by the New Mexico Energy, Minerals & Natural Resources Department (EM&NRD) Oil Conservation Division (OCD) regarding Discharge Plan GW-115 for the HES facility located in Artesia, New Mexico. In specific, OCD identified three areas where additional information will be necessary to complete the processing of GW-115.

*Section 11. Spill/Leak Prevention and Reporting Procedures (Contingency Plan)*

Per OCD request, enclosed please find a copy of the most recent Spill Prevention Control & Countermeasure (SPCC) Plan dated July 6, 1997 for the HES facility located in Artesia, New Mexico. This SPCC Plan supersedes the preceding plan which you currently have on file from 1991.

*Section 10. Inspection Maintenance and Reporting*

The above referenced SPCC Plan provides information regarding routine maintenance and inspection procedures at the facility. Specifically, Part I Section 7 (Inspection and Records), Part I Section 8 (Personnel Training and Spill Prevention Procedures), and Part II Section C.4. each refer to the inspection and maintenance procedures at the facility.

*Section 12. Site Characteristics*

Enclosed please find a copy of the most recent monitoring report prepared for the New Mexico Environment Department (NMED) Underground Storage Tank Bureau (USTB) for the underground storage tank release at the HES facility in Artesia, New Mexico. This site was discovered in 1990 during tank replacement activities and has been actively remediated two times. The first remediation system was composed of a horizontal air sparging and passive soil venting system installed in two trenches perpendicular to the groundwater gradient at the site. This system operated for less than one year when decreasing groundwater levels no longer made the air sparging portion of the remediation system effective.

Mr. W. Jack Ford, C.P.G.

January 19, 1998

Page 2

A second remediation system was installed at the site and began operation during late 1995. This system utilized the horizontal soil venting piping from the original system augmented with vertical soil vapor extraction wells and vertical air sparging wells. This system operated for one and one-half years until shut down by direction of NMED USTB. Groundwater rose during this period to levels exceeding those previously found at the site thereby decreasing the effectiveness of soil vapor extraction. Nonetheless, free product was eliminated from all monitoring wells at the site and dissolved phase gasoline constituents were reduced by more than 99% in some monitoring wells. When the system was shut down in July, 1997, only one of five monitoring wells tested contained above standard levels of gasoline hydrocarbon contamination. Although some increase in contaminant levels was found one quarter after system shutdown, SMA anticipates that the remediation system at HES will not be restarted. Further, at NMED USTB request, SMA has submitted for one additional year of quarterly monitoring. If approved, monitoring events will be scheduled for April, July, and October, 1998 and January, 1999.

If you have any further questions about these issues, please feel free to contact myself at (505) 647-0799 or Mr. Jim McGinty with HES (713) 676-7898.

Sincerely,

MILLER ENGINEERS, INC. D/B/A  
SOUDER, MILLER & ASSOCIATES



Karl E. Tonander, P.G.  
Project Engineer  
NM Certified Scientist #008

xc: Mr. Jim McGinty, HES  
OCD Artesia District Office

enc: Spill Prevention, Control and Countermeasure Plan (7/97)  
Underground Storage Tank Release Monitoring Report (10/97)

**Please Deliver This Fax To:**

SCOTT NELSON

(505) 392-1412

**From:**

JACK FORD

OCD

**Oil Conservation Division**

**2040 S. Pacheco**

**Santa Fe, NM 87505**

**(505) 827-7131 Office**

**(505) 827-8177 Fax**

**Date:** 1-13-98

**Pages:** 3

**Subject:** Hobbs facility GW-115

*(If you have trouble receiving this fax, please call the phone number above.)*

*Faxed Nov. 24<sup>th</sup> letter.*



NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION  
2040 South Pacheco Street  
Santa Fe, New Mexico 87505  
(505) 827-7131

November 24, 1997

**CERTIFIED MAIL**  
**RETURN RECEIPT NO. Z-357-869-899**

Mr. Matt D. Ratliff  
Haliburton Energy Services  
P.O. Drawer 1431  
Duncan, OK 73536-0105

**Re: Discharge Plan GW-115**  
**Additional Information**  
**Haliburton Artesia Service Facility**  
**Eddy County, New Mexico**

Dear Mr. Ratliff:

The New Mexico Oil Conservation Division (OCD) has received and reviewed the Haliburton Artesia Service Facility (Haliburton) discharge plan renewal application dated September 24, 1997 for the above referenced facility with permit located in Eddy County, New Mexico. Based on the information received, the OCD is requiring the following additional information:

**Section 10. Inspection, Maintenance and Reporting**

Please provide the routine inspection and maintenance schedule that insures permit compliance.

**Section 11. Spill/Leak Prevention and Reporting Procedures (Contingency Plans)**

Please provide the OCD of any changes, if any, in the "Spill Prevention Control & Countermeasure Plan" submitted with the original discharge permit application.

**Section 12. Site Characteristics**

Please provide the information requested in Section 12 for the Artesia facility. Provide the current status and information regarding ground water remediation at the site such as monitoring schedule and most current results. Please refer to the guidelines for a more detailed description of the information required. Please submit the original and one copy to the OCD Santa Fe Office and one copy to the OCD Artesia District Office by December 19, 1997.

Mr. Matt D. Ratliff  
November 24, 1997  
Page 2

If you have any questions, please do not hesitate to contact me at (505) 827-7156.

Sincerely,

A handwritten signature in cursive script, appearing to read "W. Jack Ford".

W. Jack Ford, C.P.G.  
Geologist  
Environmental Bureau  
Oil Conservation Division

cc: Artesia District Office

ACKNOWLEDGEMENT OF RECEIPT  
OF CHECK/CASH

I hereby acknowledge receipt of check No. [redacted] dated 11/12/97

or cash received on \_\_\_\_\_ in the amount of \$ 50.00

from Halliburton

for Artesia GW 115

Submitted by: \_\_\_\_\_ Date: \_\_\_\_\_

Submitted to ASD by: \_\_\_\_\_ Date: \_\_\_\_\_

Received in ASD by: \_\_\_\_\_ Date: \_\_\_\_\_

Filing Fee  New Facility \_\_\_\_\_ Renewal \_\_\_\_\_  
Modification \_\_\_\_\_ Other \_\_\_\_\_

Organization Code 52107 Applicable FY 98

To be deposited in the Water Quality Management Fund.  
Full Payment \_\_\_\_\_ or Annual Increment \_\_\_\_\_

HALLIBURTON ENERGY SVCS. 56-194/422 [redacted]  
MISTY DENNEY - CHECKING  
PH. 505-392-6531  
5801 LOVINGTON HWY. DATE 11-12-97  
HOBBS, NM 88240

Pay to the order of WMED - Water Quality \$ 50.00 /xx  
fifty + 00 /xx

CITIBANK®  
CITIBANK SOUTH DAKOTA, N.A. ARTESIA, N.M.  
PAYABLE THROUGH STAR BANK  
CINCINNATI, OHIO 45210  
6368 - 7236 Misty Denney MP

© DELUXE WALLET OR EQUIVALENT

HALLIBURTON ENERGY SVCS.  
MISTY DENNEY - CHECKING  
PH. 505-392-6531  
5801 LOVINGTON HWY.  
HOBBS, NM 88240

56-194/422

No. [REDACTED]

DATE 11-12-97

Pay to the order of YMED-Water Quality \$ 50.<sup>00</sup>/xx  
fifty & 00/xx

CITIBANK®

CITIBANK SOUTH DAKOTA, N.A.  
PAYABLE THROUGH STAR BANK  
CINCINNATI, OHIO 45110

ARTEXA, N.M.

Water - 7236

Misty Denney MP

GW-115

P.O. Box 1980  
Hobbs, NM 88241-1980  
District II - (505) 748-1283  
811 S. First  
Artesia, NM 88210  
District III - (505) 334-6178  
1000 Rio Brazos Road  
Aztec, NM 87410  
District IV - (505) 827-7131

Energy Minerals and Natural Resources Department  
Oil Conservation Division  
2040 South Pacheco Street  
Santa Fe, New Mexico 87505  
(505) 827-7131

Revised 12/97

Submit Orig  
Plus 1 Co  
to Sant  
to appropr  
District OI

RECEIVED

NOV 13 1997

Environmental Bureau

Oil Conservation Division

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: Oil Field Service Facility
2. Operator: Halliburton Energy Services  
Address: 2311 South First Street, Artesia, New Mexico 88210  
Contact Person: Steve Luscombe Phone: 505-392-0701
3. Location: - /4 - /4 Section 28 Township 17 South Range 26 East  
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. *- in original submitted*
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: Sherman Pierce Title: Environmental Coordinator

Signature: *Sherman Pierce* Date: 9-24-97

## DISCHARGE PLAN APPLICATION

HALLIBURTON ENERGY SERVICES  
 2311 SOUTH FIRST STREET  
 ARTESIA, NEW MEXICO 88210

Part VI. Form (optional)

Materials stored or used at the facility - for each category of material listed below provide information on the general composition of the material or specific information (including brand names if requested) whether a solid or liquid, type of container, estimated volume stored and location. Submit MSDS information for chemicals as requested. Use of this form is optional, but the information requested must be provided.

Name	General Makeup or specific Brand name (if requested)	Solids (S) or Liquids (L)	Type of container (tank, drum, etc.)	Estimated Vol. Stored	Location (Yard, Shop, Drum Stor., etc.)
1. Drilling Fluids (include general makeup & types special additives, e.g. oil, chrome, etc.)	<b>Not Applicable</b>				
2. Brines (KCL, NaCL, etc.)	<b>Not Applicable</b>				
3. Acids/Caustic (provide names & MSDS sheets)	<b>Not Applicable</b>				
4. Detergents/Soaps	Cougar Soap	(L)	Drum	90 gal.	Shop
5. Solvents & Degreasers (Provide names & MSDS sheets)	Safety Kleen Solvent	(L)	Drum	90 gal	Shop
6. Paraffin Treatment/emulsion Breakers (Provide names & MSDS sheets)	<b>Not Applicable</b>				
7. Biocides (Provide name & MSDS sheets)	BE-5	(L)	6 lb. jug	100 lbs	Warehouse
8. Others - (include other liquids & solids, e.g. cement, etc.)	Hydraulic and Engine Oils	(L)	Tank	Varies	Shop

## DISCHARGE PLAN APPLICATION

## OILFIELD SERVICE FACILITIES

## Part VII. Form (Optional)

Sources and Quantities of Effluent and Waste Solids Generated at the Facility - For each source include types of effluents (e.g. salt water, hydrocarbons, sewage, etc.), estimated quantities in barrels or gallons per month, and type and volumes of major additives (e.g. acids, biocides, detergents, degreasers, etc.). Use of this form is optional, but the information requested must be provided.

Waste Type	General Composition and Source (solvents from small parts cleaning, oil filters from trucks, etc.)	Volume Per Month (bbl or gal)	Major Additives (e.g. degreaser fluids from truck washing, soap in steam cleaners.)
1. Truck Wastes (Describe types of original contents trucked (e.g. brine, produced water, drilling fluids, etc.)	Not Applicable		
2. Truck, Tank & Drum washing	Washrack water with oils from dumps, engines and hoses	1000 gal/per month. Total water effluent	Soap in washrack rinsate.
3. Steam Cleaning of parts, equipment, tanks	Not Applicable		
4. Solvent/Degreaser Use	Solvents from small parts cleaning	60 gal/per month	Not Applicable
5. Spent Acid, Caustics, or Completion Fluids (Describe)	Not Applicable		
6. Waste Slop Oil	Not Applicable		
7. Waste Lubrication and Motor Oils	Oil from trucks	100 gal/per month	Not Applicable
8. Oil Filters	Oil filters from trucks and engines	1-55 gal/per month	
9. Solids and Sludge from tanks (describe types of materials, e.g. crude oil tank bottoms, sand, ect.)	Not Applicable		
10. Painting Waste	Not Applicable		

Part VII

Waste Type	General Composition and Source (solvents from small parts cleaning, oil filters from trucks, etc.)	Volume Per Month (bbl or gal)	Major Additives (e.g. degreaser fluids from truck washing, soap in steam cleaners.)
11. Sewage (Indicate if other wastes mixed with sewage; if no commingling, domestic sewage under jurisdiction of the NMEID)	Not Applicable No commingling takes place		
12. Other waste Liquids	Not Applicable		
13. Other waste Solids (cement, construction materials, used drums)	Waste Cement	1 55 gal/per month	Not Applicable

## DISCHARGE PLAN APPLICATION

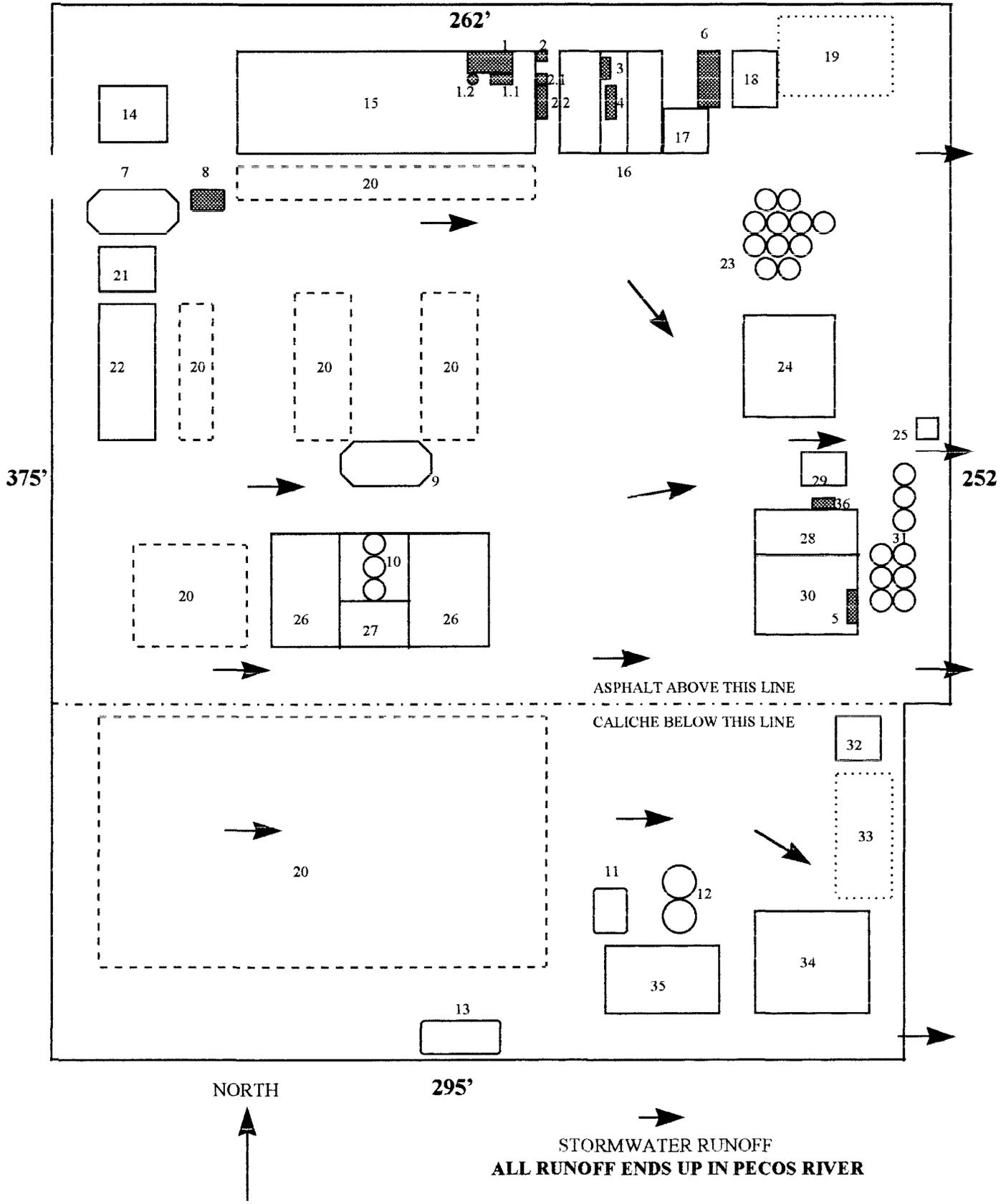
## OILFIELD SERVICE FACILITIES

## Part VIII. Form (Optional)

Summary Description of Existing Liquid and Solids Waste Collection and Disposal - For each waste type listed in Part VII, provide summary information about onsite collection and disposal systems. Information on basic construction features, specific descriptions, and wastewater schematics should be provided as required in the guidelines. The use of this form is optional, but the summary information requested must be provided.

Waste Type	Tank (T) Drum (D)	Floor Drain (F) Sump (S)	Pits Lined (L) Unlined (U)	Onsite injection Well	Leach Field	Offsite Disposal
1. Truck Wastes		Sump				Sundance
2. Truck, tank and drum washing	Truck	Floor				City Sewer
3. Steam cleaning of parts, equip., tank						City Sewer
4. Solvent/Degreaser Use		Sump				Sundance
5. Spent Acids, Caustics, or Completion Fluids	N/A					
6. Waste Shop oil	Tank					Specialty Oil
7. Waste Lubrication and Motor Oils	Tank					Specialty Oil
8. Oil Filters	Drum					Specialty Oil
9. Solids and Sludges from tanks		Sump				Sundance
10. Painting Wastes	N/A					
11. Sewage						City of Artesia
12. Other Waste Liquids						City Sewer
13. Other Waste Solids						City landfill

**HALLIBURTON ENERGY SERVICES  
2311 SOUTH FIRST STREET  
ARTESIA, NEW MEXICO**



**HALLIBURTON ENERGY SERVICES  
2311 SOUTH FIRST STREET  
ARTESIA, NEW MEXICO**

1. New Anti-freeze - 220 gallon
- 1.1 New 15/40 Oil - 2 @ 275 gallon
- 1.2 New 80w-90 Oil - 55 gallon
- 1.2 New Tractor Hydraulic - 55 gallon
2. Used Oil-275 gallon
- 2.1 Used Oil-115 gallon
- 2.2 Used Anti-freeze - 3 drums @ 55 gallon
3. New Oil-275 gallon
3. Rock Drill Oil-275 gallon
4. Hydraulic Oil, 90 wt. Oil, Grease - 4 drums @ 55 gallon
5. Assorted Liquid Chemicals, 55 gallon drums & 5 gallon buckets
6. Oil/Water Separator- Abandoned
7. UST Gasoline Leak-Remediation in Process
8. Gasoline Storage Tank-320 gallon .
9. AST Diesel Tank Leak-Remediation in Process
10. Underground Grit Tanks
11. Fresh Water Tank
12. Underground Neutralization Tanks\*
13. Flochek Tank-Empty\*
14. Office Building
15. Truck Shop
16. Grease Rack
17. Head Rack
18. Plug Room
19. Outside Equipment Storage
20. Vehicle Parking
21. Office Building
22. Office Building and Field Lab
23. Bulk Cement Storage Tanks\*
24. Cement Additive Warehouse\*
25. Densometer Storage
26. Wash Rack
27. Grit Pit
28. Tool Shop
29. Tool Storage
30. Warehouse
31. Sand Storage Tanks\*
32. Pump Packing Room
33. Outside Equipment Storage
34. Chemical Terminal\*
35. Chemical Additive Room\*
36. Soap Tank - 275 gallon

**\*OUT OF SERVICE**

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



January 19, 1995

**CERTIFIED MAIL**  
**RETURN RECEIPT NO. P-176-012-095**

Mr. Matt Ratliff  
Halliburton Company  
P.O. Drawer 1431  
Duncan, Oklahoma 73536-0100

**Re: Discharge Plan (GW-115)**  
**Halliburton Artesia Facility**  
**Eddy County, New Mexico**

Dear Mr. Ratliff:

A review of the file for discharge plan GW-115 for the Haliburton Artesia Service Facility located in Section 28, Township 17 South, Range 26 East, NMPM, Eddy County, New Mexico has revealed the payment for the January 13, 1994 discharge plan flat fee has not been submitted to the Oil Conservation Division (OCD). These fees were due upon receiving the letter approving the discharge plan.

In order to be in compliance with Water Quality Control Commission (WQCC) Regulation 3-114 B.6, please remit the flat fee in full to the OCD immediately. The balance on the flat fee for the above referenced facility is one thousand three hundred eighty dollars (\$1380.00). The check should be made payable to: NMED-WATER QUALITY MANAGEMENT and addressed to the OCD Santa Fe office.

If there are any questions on this matter, please contact me (505) 827-7153.

Sincerely,

A handwritten signature in cursive script that reads "Chris Eustice".

Chris Eustice  
Geologist

cc: OCD-Artesia Office

**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



HALLIBURTON

HALLIBURTON ENERGY SERVICES

Writer's Direct Dial Number: 405/251-4755

P.O. Drawer 1431, Duncan, Oklahoma 73536-0105

January 11, 1994

RECEIVED

JAN 12 1994

Oil Conservation Division  
Attention: Kathy Brown  
P.O. Box 2088  
State Land Office Building  
Santa Fe, New Mexico 87504

OIL CONSERVATION DIV.  
SANTA FE

*RE: Discharge Plan GW-115, Artesia, New Mexico*

Dear Ms. Brown,

I am submitting the follow-up information you requested in your letter dated March 19, 1993. I have addressed the items in the order they were presented.

1. **Certification:** I have enclosed a signed copy of the discharge plan application form (Attachment I).
2. **Plot Plan:** The hand drawn plot plan is the most accurate diagram of the facility. However, the aboveground diesel tank and xylene tank have been removed.
3. **Drum Storage:** The installation of pad and curb-type containment for the drum storage at the facility has been submitted as part of the 1994 budget for operations. Once the final budget is approved, the process can begin to implement the containment. The appropriate containment should be completed by the end of 1994. In the interim, drum storage at the facility will be kept to a minimum and inspections will be performed regularly to ensure integrity of the containers. Any releases which may be discovered will be immediately contained and remediated.
4. **Berming of Aboveground Tanks:** The aboveground petroleum storage tanks which were present during your site visit (ie: the diesel and xylene tanks) have been removed. There are no plans to install further aboveground petroleum storage tanks at the facility.

A new chemical terminal, which includes the hydrochloric acid tank, has been submitted on the 1994 budget. When the budget is finalized, the process can begin to construct the new chemical terminal. All tanks utilized at the new chemical terminal will be secondarily contained and covered. The terminal will

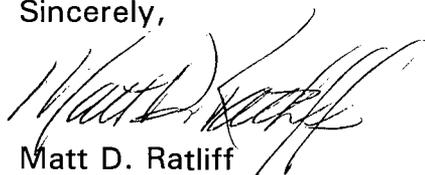
also include a contained drive-on slab for the loading and unloading of bulk acid. The new terminal should be in place by the end of 1994. In the interim, the tanks will be inspected weekly and any release will be contained and remediated immediately.

5. **Sumps:** The sumps at the facility were visually inspected in 1993 and found in good integrity. The sumps will be visually inspected in the third quarter of each year. Documentation will be maintained at the facility concerning the inspections.
6. **Underground Waste Water Pipelines:** Presently, options are being reviewed to test the underground lines at the facility. Hydrostatic testing seems to be the best option available. Once a suitable and economical option is chosen, the testing will be completed. Testing and sampling should be completed no later than the end of the second quarter of 1994.
7. **Underground Tanks at Acid Loading Area:** The two underground tanks are utilized as containment storage for the acid loading area. The two tanks are connected by piping and pumps. They are also utilized as neutralization tanks for any acid which is returned to the facility after a job takes place at the well site. The tanks are not double-lined and do not have leak detection. We will pressure test the tanks by the end of the second quarter of 1994 and will have the tanks pressure tested annually thereafter. Documentation will be maintained at the facility.
8. **Washbay Effluent:** Presently, the City of Artesia does not require Halliburton to conduct any analyses on the sewer effluent prior to discharge. The sewer discharge is monitored by the City with an automated system. There have been no violations. Halliburton will pull the samples requested in your letter and have it analyzed according to your guidelines. The work should be completed no later than the end of February, 1994. The results of that analyses will be forwarded to you as soon as it is received.
9. **Sump Sludges/Solids:** The washrack grit generated from washing our trucks and equipment is collected in a grit trap, analyzed, and shipped to CRI for disposal. The most recent laboratory analyses are enclosed for your records (Attachment II). New samples have been taken for 1994 and laboratory analyses is pending. The estimated annual volume of material generated in the traps varies depending on the weather. However, a rough estimate of the amount of material generated would be approximately 40-60 cubic yards annually. The traps are cleaned approximately every 6 months.

10. **Laboratory Wastes:** The laboratory operations at the facility are limited and very small. Approximately 20-30 gallons of waste liquid is generated annually and approximately 10 pounds of solid material which would be mostly comprised of cement. Most of the effluent from the sample work that is performed at the field lab is mixed in with the operations in the field and utilized. The used oil generated in the tests is collected and combined with the used oil for the facility. No hazardous waste is discharged to the POTW. Halliburton has policies and procedures in place which prohibit the discharge of hazardous wastes from laboratories in the field. Training classes are conducted regionally and in the field to train employees concerning appropriate waste management procedures.
11. **Storm Water Runoff:** We have received a copy of the federal storm water runoff permit. A copy has been enclosed for your records (Attachment III).
12. **Aboveground Fuel Tanks:** The aboveground fuel tanks have been removed from the facility. Fuel is being obtained from an off-site vendor.
13. **Above Ground Saddle Tanks:** The small amounts of contamination around the saddle tanks have been removed and all saddle tanks at the facility have been retrofitted with metal pans to contain the contents in the event of a release.
14. **Soil Contamination:** The soil contamination located at the back of the yard has been remediated. The soil contamination was superficial and was excavated. No groundwater contamination was evident or expected.

Thank you for your patience in allowing us to submit this information. If you have any questions or need additional information, please don't hesitate to contact me at the letterhead number.

Sincerely,



Matt D. Ratliff  
Environmental Engineer

Attachments

c: Bob Pettit/District Manager  
Bruce Hancock/District HSE Coordinator  
Ron Bechtel

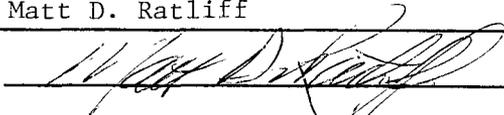
State of New Mexico  
Energy, Minerals and Natural Resources Department  
OIL CONSERVATION DIVISION  
P.O. Box 2088  
Santa Fe, NM 87501

RECEIVED

JAN 12 1994

**DISCHARGE PLAN APPLICATION FOR OILFIELD SERVICE FACILITIES**  
(Refer to OCD Guidelines for assistance in completing the application.)

- I. TYPE: Oil Field Service Facility
- II. OPERATOR: Halliburton Energy Services  
ADDRESS: P.O. Box 0, 2311 South First, Artesia, NM 88210  
CONTACT PERSON: Bruce Hancock PHONE: (505) 746-2757
- III. LOCATION:     /4     /4 Section 28 Township 17 South Range 26 East  
Submit large scale topographic map showing exact location.
- IV. Attach the name and address of the landowner of the disposal facility site.  
Halliburton Company, P.O. Drawer 1431, Duncan, Oklahoma 73536-0105
- V. Attach description of the facility with a diagram indicating location of fences, pits, dikes, and tanks on the facility.  
Diagram and Plot Plan of facility are attached
- VI. Attach a description of all materials stored or used at the facility.  
See attached Sheet
- VII. Attach a description of present sources of effluent and waste solids. Average quality and daily volume of waste water must be included.  
See attached sheet
- VIII. Attach a description of current liquid and solid waste collection/treatment/disposal procedures.  
See attached sheet
- IX. Attach a description of proposed modifications to existing collection/treatment/disposal systems.  
Not applicable
- X. Attach a routine inspection and maintenance plan to ensure permit compliance.  
Not applicable
- XI. Attach a contingency plan for reporting and clean-up of spills or releases.  
Contingency Plan is attached
- XII. Attach geological/hydrological evidence demonstrating that disposal of oil field wastes will not adversely impact fresh water. Depth to and quality of ground water must be included.  
No disposal of oil field waste takes place at this facility
- XIII. Attach such other information as is necessary to demonstrate compliance with any other OCD rules, regulations and/or orders.
- XIV. Please advise if more information is needed  
**CERTIFICATION**  
I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

Name: Matt D. Ratliff Title: Environmental Engineer  
Signature:  Date: 01/07/94

**DISTRIBUTION: Original and one copy to Santa Fe with one copy to appropriate Division District Office.**





# ARDINAL LABORATORIES

PHONE (505) 393-2328 • 101 E. MARLAND • HOBBS, NEW MEXICO 88240

## FINAL ANALYSIS REPORT

Company: Halliburton Services  
 Address: P.O. Box 2568  
 City, State: Hobbs, NM

Date: 01/04/93  
 Lab#: H1101

Project Name: Wash Rack Grit  
 Project Location: Artesia, NM

Sampled by: BH Date: 12/17/92 Time: 0800

Analyzed by: MG/GD Date: 12/18/92 Time: 0800

Type of Samples: Sample Condition: GIST Units: mg/kg, mg/l

Samp #	Field Code	TRPHC	BENZENE	TOLUENE	ETHYL BENZENE	PARA-XYLENE	META-XYLENE	ORTHO-XYLENE	MTBE
1	Wash Rack Grit1	3517.6	0.014	0.078	0.030	<0.001	0.049	0.040	<0.001
	QC Recovery	314.9	1.040	0.984	0.949	0.910	0.877	0.917	0.809
	QC Spike	336.2	0.926	0.944	0.930	0.941	0.924	0.944	0.731
	Accuracy	93.7%	112.3%	104.2%	102.0%	96.7%	94.9%	97.1%	110.7%
	Air Blank	***	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001

Methods - AUTOMATED HEADSPACE GC; INFRARED SPECTROSCOPY  
 - EPA SW-846; EPA METHODS 8020, 418.1, 3540 OR 3510

  
 Michael R. Fowler

Date 1/4/93



# ARDINAL LABORATORIES

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NEW MEXICO 88240

## TCLP ANALYSIS REPORT

Company: Halliburton Services  
 Address: P.O. Box 2568  
 City, State: Hobbs, NM

Date: 01/04/93  
 Lab # H1101-1

Project Name: Wash Rack Grit  
 Project Location: Artesia, NM  
 Sampled by: BH  
 Type of Sample: Soil

Date: 12/17/92

Sample Condition: GIST

Sample ID: Wash Rack

## TCLP ORGANAICS

<u>PARAMETER</u>	<u>RESULT</u>	<u>UNITS</u>
Benzene	<0.01	mg/L
Carbon Tetrachloride	<0.01	mg/L
Chlordane	<0.01	mg/L
Chlorobenzene	<0.01	mg/L
Chloroform	<0.01	mg/L
Cresol (O, M, P)	<0.01	mg/L
2,4-D	<0.01	mg/L
1,4-Dichlorobenzene	<0.01	mg/L
1,2-Dichloroethane	<0.01	mg/L
1,1-Dichloroethylene	<0.01	mg/L
2,4-Dinitrotoluene	<0.01	mg/L
Endrin	<0.005	mg/L
Heptachlor	<0.004	mg/L
Hexachlorobenzene	<0.01	mg/L
Hexachlorobutadiene	<0.01	mg/L
Hexachloroethane	<0.01	mg/L
Lindane	<0.01	mg/L
Methoxychlor	<0.01	mg/L
Methy Ethyl Ketone	<0.01	mg/L
Nitrobenzene	<0.01	mg/L
Pentachlorophenol	<0.01	mg/L
Pyridine	<0.01	mg/L
Tetrachloroethylene	<0.01	mg/L
Toxaphene	<0.01	mg/L
Trichloroethylene	<0.01	mg/L
2,4,5-Trichlorophenol	<0.01	mg/L
2,4,6-Trichlorophenol	<0.01	mg/L
2,4,5-TP(Silvex)	<0.01	mg/L
Vinyl Chloride	<0.01	mg/L



# ARDINAL LABORATORIES

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NEW MEXICO 88240

## TCLP ANALYSIS REPORT

Company: Halliburton Services  
 Address: P.O. Box 2568  
 City, State: Hobbs, NM

Date: 01/04/93  
 Lab#: H1101-1

Project Name: Wash Rack Grit  
 Project Location: Artesia, NM  
 Sampled by: BH  
 Type of Sample: Soil

Date: 12/17/92  
 Sample Condition: GIST

Sample ID: Wash Rack

### TCLP INORGANICS (Leachate)

<u>PARAMETER</u>	<u>RESULT</u>	<u>UNITS</u>
Arsenic	0.04	mg/L
Barium	1.28	mg/L
Cadmium	<0.005	mg/L
Chromium	<0.01	mg/L
Copper	<0.01	mg/L
Lead	<0.01	mg/L
Mercury	0.008	mg/L
Nickel	0.08	mg/L
Selenium	<0.01	mg/L
Silver	<0.01	mg/L
Zinc	1.09	mg/L



# ARDINAL LABORATORIES

PHONE (505) 993-2328 • 101 E. MARLAND • HOBBS, NEW MEXICO 88240

## TCLP ANALYSIS REPORT

Company: Halliburton Services  
 Address: P.O. Box 2568  
 City, State: Hobbs, NM

Date: 01/04/93  
 Lab#: H1101-1

Project Name: Wash Rack Grit  
 Project Location: Artesia, NM  
 Sampled by: BH  
 Type of Sample: Soil

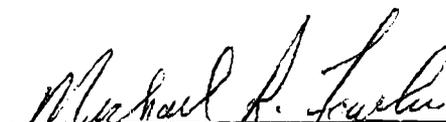
Date: 12/17/92  
 Sample Condition: GIST

<u>PARAMETER</u>	<u>RESULT</u>	<u>UNITS</u>
Specific Gravity	1.00	g/cc
Oil & Grease,	60	mg/kg
Color	Black	
Physical State	Solids	
Odor	Rancid	
Ignitability (Pensky-Martens Closed Cup)	>200	F
Corrosivity, (pH)	8.75	
Reactivity-S	No Reaction (<0.01)	mg/kg
Reactivity-CN	No Reaction (<0.01)	mg/kg
Total Solids (Dried Weight), %	76.50	

### APPEARANCE AFTER TWO TO FOUR HOURS

Layers	1	%
Solids	100	%
Oil	<0.1	%
Liquid	<0.1	%

METHODS: TCLP ORGANICS - EPA 8015/8020/8080/8150  
 METHODS: TCLP INORGANICS (Leachate) - EPA 1311/6010/7471  
 METHODS: HWC - EPA SW 846

  
 Michael R. Fowler

Date 1/4/93

NPDES  
FORM



United States Environmental Protection Agency  
Washington, DC 20460

Notice of Intent (NOI) for Storm Water Discharges Associated with Industrial Activity Under the NPDES General Permit

Submission of this Notice of Intent constitutes notice that the party identified in Section I of this form intends to be authorized by a NPDES permit issued for storm water discharges associated with industrial activity in the State identified in Section II of this form. Becoming a permittee obligates such discharger to comply with the terms and conditions of the permit. ALL NECESSARY INFORMATION MUST BE PROVIDED ON THIS FORM.

I. Facility Operator Information

Name: HALLIBURTON SERVICES Phone: 405 251 4213  
Address: P.O. Drawer 1431 Status of Owner/Operator:  P  
City: Duncan State: OK ZIP Code: 73536-0100

II. Facility/Site Location Information

Name: Halliburton Services  
Address: 2311 South First Street  
City: Artesia State: NM ZIP Code: 88210  
Latitude: Longitude: Quarter: Section: Township: Range:  
Is the Facility Located on Indian Lands? (Y or N)  N

III. Site Activity Information

MS4 Operator Name: City of Artesia  
Receiving Water Body: Pecos River  
If You are Filing as a Co-permittee, Enter Storm Water General Permit Number: Are There Existing Quantitative Data? (Y or N)  N Is the Facility Required to Submit Monitoring Data? (1, 2, or 3)  1  
SIC or Designated Activity Code: Primary: 1389 2nd: 3rd: 4th:  
If This Facility is a Member of a Group Application, Enter Group Application Number: 0455  
If You Have Other Existing NPDES Permits, Enter Permit Numbers:

IV. Additional Information Required for Construction Activities Only

Project Start Date: Completion Date: Estimated Area to be Disturbed (In Acres): Is the Storm Water Pollution Prevention Plan in Compliance with State and/or Local Sediment and Erosion Plans? (Y or N)

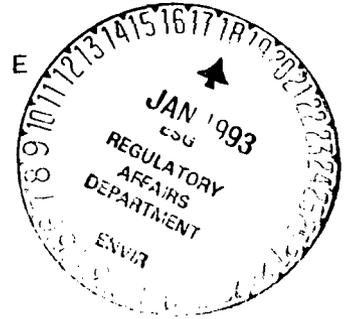
V. Certification: I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on the inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Print Name: A. M. MIXON Date: 10.19.92

Signature:

U.S. Environmental Protection Agency  
National Pollutant Discharge Elimination System (NPDES)  
STORM WATER GENERAL PERMIT COVERAGE NOTICE

December 31, 1992



Dear Operator:

Your Notice of Intent (NOI) for the facility noted below has been processed by the U.S. Environmental Protection Agency. This facility is authorized to discharge storm water associated with industrial or construction activity under the terms and conditions imposed by EPA's NPDES storm water general permit issued for use in the state of New Mexico. Your facility's NPDES storm water permit number is NMR00A286.

EPA's storm water general permit requires certain storm water pollution prevention and control measures, possible monitoring and reporting, and annual inspections. Among the conditions and requirements of this permit, you must prepare and implement a pollution prevention plan (PPP) that is tailored to your industrial or construction site. Enclosed is a summary guidance document designed to assist you in the development and implementation of your PPP. The summary is organized according to the phases of the pollution prevention planning process. A set of worksheets and an example of a pollution prevention plan are provided for your assistance. As a facility authorized to discharge under this storm water general permit, all terms and conditions must be complied with to maintain coverage and avoid possible penalties.

FACILITY:

-----  
Halliburton Services  
2311 S First St  
Artesia , NM 88210-

OPERATOR:

-----  
Halliburton Services  
Po Drawer 1431  
Duncan, OK 73536-0100

If you have general questions concerning the storm water program, or need to obtain a copy of the permit, please call the Storm Water Hotline at (703) 821-4823.



STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION



BRUCE KING  
GOVERNOR

ANITA LOCKWOOD  
CABINET SECRETARY

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87504  
(505) 827-5800

July 29, 1993

**CERTIFIED MAIL**  
**RETURN RECEIPT NO. P-667-242-005**

Mr. Matt D. Ratliff  
Halliburton Company  
P.O. Drawer 1431  
Duncan, Oklahoma 73536-0100

**RE: REQUEST FOR INFORMATION, DISCHARGE PLAN (GW-115)  
HALLIBURTON COMPANY ARTESIA SERVICE FACILITY  
EDDY COUNTY, NEW MEXICO**

Dear Mr. Ratliff:

On March 19, 1993, the New Mexico Oil Conservation Division (OCD) requested additional information (attached) from Halliburton Company on their Artesia Service Facility discharge plan application dated January 5, 1993. To date the OCD has not received a response to this letter. Please submit the required information to the OCD by September 1, 1993.

If you can not meet this deadline or if you have additional questions please feel free to contact me at (505) 827-5884.

Sincerely,

Kathy M. Brown  
Geologist

Attachment

xc: Mike Williams, OCD Artesia Office



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



BRUCE KING  
GOVERNOR

ANITA LOCKWOOD  
CABINET SECRETARY

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87504  
(505) 827-5800

March 19, 1993

**CERTIFIED MAIL**  
**RETURN RECEIPT NO. P-667-241-951**

Mr. Matt D. Ratliff  
Environmental Engineer  
Halliburton Company  
P.O. Box Drawer 1431  
Duncan, Oklahoma 73536-0100

**RE: Discharge Plan GW-115**  
**Halliburton Artesia Service Facility**  
**Eddy County, New Mexico**

Dear Mr. Ratliff:

The New Mexico Oil Conservation Division (OCD) has received and is in the process of reviewing the above referenced discharge plan application. The following comments and requests for additional information are based on the application dated January 5, 1993, and an inspection of the facility on March 16, 1992 by representatives of the OCD and Halliburton. Submission of the following information will allow review of the discharge plan application to continue.

1. **Certification:** The discharge plan application form received by the OCD on January 7, 1993 was not signed or dated. Please sign and date the attached form.
2. **Plot Plan:** Two plot plans were submitted in your discharge plan application (one 8 1/2" x 11" and one large fold out). There are several discrepancies between the two plot plans. Which diagram correctly details the current facility layout and location of all buildings, tanks, etc.?

Mr. Matt Ratliff  
March 19, 1993  
Page 2

3. Drum Storage: It was observed during the facility inspection that some of your drums were located directly on the ground surface. The OCD requires all drums to be stored on pad and curb type containment. Submit a plan and schedule to store all of your drums on pad and curb type containment.
4. Berming of Above Ground Tanks: The OCD requires all above ground tanks which contain materials other than fresh water to be bermed with a holding capacity of one and one-third times the volume of the largest tank or all interconnecting tanks. Submit a plan and schedule to adequately berm all tanks which do not meet the above requirement.
5. Sumps: It was observed during the facility inspection that all of the sumps at your facility are not equipped with secondary containment and leak detection. The OCD requires all new sumps have secondary containment and leak detection and to be approved by the OCD prior to construction. All preexisting sumps which do not have secondary containment and leak detection are required to be visually inspected on an annual basis to determine the integrity of the structure. Submit a schedule to visually inspect, once a year, all sumps at the facility.
6. Underground Waste Water Pipelines: Due to the condition of the cement sumps and pads at the facility, the OCD requires all underground waste water lines be tested to ensure their integrity. Submit a plan and schedule to test all underground lines. Include information on the age and material of the lines and any past testing of these lines.
7. Underground Tank at Acid Loading Area: What is contained in the underground storage tank (UST) located at the acid loading area? Is this tank double-lined with leak detection? The OCD requires that all below-grade tanks which contain waste water or oilfield chemicals (product UST's are regulated by the New Mexico Environment Department) be pressure tested annually unless they are double-lined with leak detection. Submit a schedule to pressure test, once a year, all OCD regulated UST's at your facility which are not double-lined with leak detection.
8. Washbay Effluent: The effluent from your skimmer system which is disposed of into the Artesia City Sewer (POTW) is not exempt from RCRA Subtitle C (hazardous waste) Regulations. Does the City of Artesia require Halliburton to conduct any analyses on the effluent prior to discharge into the sewer? If so, for what constituents and using which EPA methods? The OCD requires that Halliburton sample the effluent annually

Mr. Matt Ratliff  
March 19, 1993  
Page 3

for total petroleum hydrocarbons using EPA Method 8015 modified, total volatile organics using EPA Methods 8010/8020, and heavy metals using the ICAP scan. The analytical results will be submitted to the OCD Santa Fe Office by January 1, 1994 and then annually thereafter.

9. Sump Sludges/Solids: Where do you currently dispose of the solid waste (ie. sludges) that collect in your sumps and skimmer system? What is the estimated total volume of solid waste generated from the sumps at your facility? Submit the results from any chemical analyses which have been done in the past on these wastes. Please note that the OCD requires all sump sludge generated at service companies which is non-exempt from RCRA Subtitle C Regulations to be tested for hazardous characteristics prior to disposal at OCD regulated facilities.
10. Laboratory Wastes: What is the estimated volume of liquid and solid waste generated in your laboratory? Where are these wastes disposed of? If these wastes go into the Artesia City Sewer how do you guarantee that no hazardous wastes are disposed of into the POTW?
11. Storm Water Runoff: Do you have a federal storm water runoff permit? If so, please submit a copy of the permit to the OCD. If you do not, how do you propose to manage the collection, storage, and release of storm water at the facility? Include any proposed testing and any established standards governing the disposal method of the storm water.
12. Above Ground Fuel Tanks: What type of containment is beneath the above ground fuel tanks? Because of the frequency of leaks and spills at fueling stations, the OCD requires all fuel storage tanks to have containment beneath the loading area. If these tanks do not have adequate containment submit a plan and schedule to install adequate containment.
13. Above Ground Saddle Tanks: During the site inspection it was observed that several of the saddle tanks had frequent drips and leaks around them. The OCD requires all saddle tanks which contain materials other than fresh water to have pad and curb type containment to keep leaks and spills off of the ground surface. Submit a schedule for pad and curb type containment beneath all above ground saddle tanks.

Mr. Matt Ratliff  
March 19, 1993  
Page 4

14. Soil Contamination:

During the site inspection it was observed that the soils at the north end of the facility property were contaminated with hydrocarbons. It was further observed that the contamination had run onto the adjacent property to the north. What is the source of the contamination? Has the contamination been cleaned up since the site was inspected by the OCD. If the contamination has not been cleaned up, submit a plan and schedule to dispose of or remediate the contaminated soils. Please note, the OCD may require further investigation of this area if there is evidence of potential groundwater contamination.

Addressing the above items will allow review of your discharge plan application to continue. If you have any questions, please do not hesitate to contact me at (505) 827-5884.

Sincerely,



Kathy M. Brown  
Geologist

xc: Mike Williams, OCD Artesia Office



RECEIVED  
OIL CONSERVATION DIVISION

UNITED STATES  
DEPARTMENT OF THE INTERIOR

FISH AND WILDLIFE SERVICE  
Ecological Services

Suite D, 3530 Pan American Highway, NE  
Albuquerque, New Mexico 87107

FEB 10 AM 8 59

February 8, 1993

Permit #GW93006

Mr. William J. Lemay  
Director, State of New Mexico  
Oil Conservation Division  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

Dear Mr. Lemay:

This responds to the notice of publication received by the U.S. Fish and Wildlife Service (Service) on February 4, 1993, regarding the Oil Conservation Division (OCD) discharge permits GW-115, GW-131, and GW-44, on fish, shellfish, and wildlife resources in New Mexico.

The Service has determined there are no wetlands or other environmentally sensitive habitats, plants, or animals that will be adversely affected by the following discharges.

GW-115 Halliburton Services, Artesia Service Facility located in Section 28, T17S, R26E, NMPM, Eddy County, New Mexico. Approximately 1,300 gallons per day of waste water is collected in the truck washrack and floor sump and discharged to the City of Artesia Sewage Treatment System.

GW-131 Petrolite Corporation, Farmington Service Facility to be located in Section 3, T29N, R11W, NMPM, San Juan County, New Mexico. No discharge is planned for this new facility to be built, but a spill and leak prevention plan was submitted.

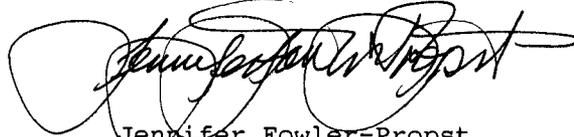
GW-44 GPM Gas Corporation, Hobbs Booster Station located in the NW/4 of Section 4, T19S, R38E, NMPM, Lea County, New Mexico. Approximately 386 barrels per day of process waste water is disposed in the City of Hobbs sewer system and waste water from the treater operations disposed of in an OCD approved Class II disposal well.

Mr. William J. Lemay

2

If you have any questions concerning our comments, please contact Mary Orms at (505) 883-7877.

Sincerely,

A handwritten signature in black ink, appearing to read "Jennifer Fowler-Propst", written in a cursive style with a long horizontal flourish extending to the right.

Jennifer Fowler-Propst  
Field Supervisor

cc:

Director, New Mexico Department of Game and Fish, Santa Fe, New Mexico  
Regional Administrator, U.S. Environmental Protection Agency, Dallas, Texas  
Regional Director, U.S. Fish and Wildlife Service, Fish and Wildlife  
Enhancement, Albuquerque, New Mexico

OIL CONSERVATION DIVISION  
RECEIVED

**Halliburton Company**

ENERGY SERVICES GROUP

JAN 26 9 56 AM '93  
REGULATORY AFFAIRS DEPARTMENT

Writer's Direct Dial Number: (405) 251-4755

January 25, 1993

**via Facsimile**

The Atchison, Topeka and Santa Fe Railway Company  
Attention: E. W. Landreth  
One Santa Fe Plaza  
920 Southeast Quincy Street  
Topeka, KS 66612-1116

Re: Request to Access Adjoining Railway Property  
To Install Monitoring Wells to Delineate Hydrocarbon Plume

Dear E. W. Landreth:

The Regulatory Affairs Department of Halliburton Company is presently conducting a subsurface investigation concerning hydrocarbon contamination at our Halliburton Services' facility located at 2311 South First Street in Artesia, New Mexico. The Environment Department of the State of New Mexico has requested that Halliburton install down-gradient borings to further delineate the lateral extent of the hydrocarbon plume.

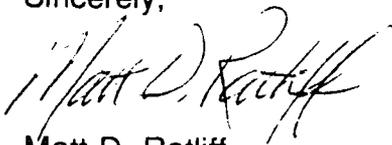
There is indication that contamination may be leaving our property to the east and entering onto the rail spur that services the Halliburton bulk plants. However, this has not yet been confirmed. In response to the State's request and in an effort to protect the surrounding environment at our Artesia facility, Halliburton is requesting access to the adjoining railway property to install monitoring wells as needed to delineate the hydrocarbon plume.

Presently, four to six wells are being proposed. I have provided the approximate locations of the wells on the Exhibit "A" site map provided to me in your letter received by facsimile, dated January 26, 1993. However, more wells may be required if the plume is not delineated adequately as proposed.

The Atchison, Topeka and Santa Fe Railway Company  
Attention: E. W. Landreth  
January 25, 1993  
Page 2

Thank you for your consideration in this matter and I look forward to your response. If you have any questions or need additional information, please don't hesitate to contact me.

Sincerely,



Matt D. Ratliff  
Environmental Engineer

MDR:fe

c: Tony Moreland, State of New Mexico ✓  
Kent Ostroot  
Tom Bailey  
Sherman Pierce  
Steve Burford

\* Borings will proceed in an easterly direction as the plume boundaries dictate. Borings may have to proceed easterly across the main tracks.

⊗ = Boring / monitoring well

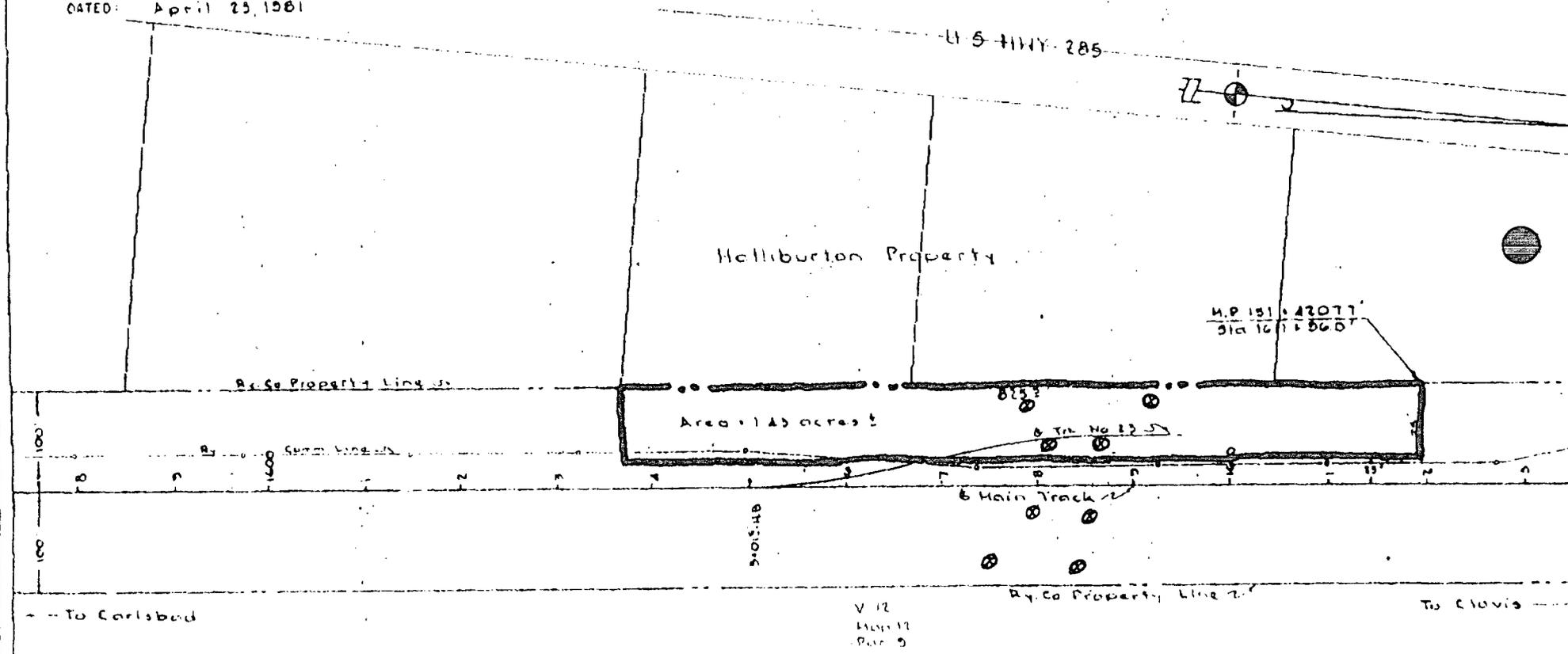
#163015 dtd 4-27-81

CT-18854

EXHIBIT "A"  
TO CONTRACT BETWEEN  
THE ATCHISON, TOPEKA AND SANTA FE RAILWAY COMPANY  
NEW MEXICO DIVISION CARLSBAD DISTRICT  
AND  
HALLIBURTON SERVICES  
Covering a lease of land  
NEAR  
ARTESIA, EDDY COUNTY, NEW MEXICO  
SCALE 1" = 100' AGM ENGINEERING - AMARILLO, TEXAS No. X-5576  
DATED: April 29, 1981

DESCRIPTION:

A site containing 1.43 acres more or less, as shown hereon in red coloring to be used for a bulk sand plant and storage yard for oil well servicing materials.



\*\* TOTAL PAGE .002 \*\*

V 12  
PAGE 12  
PAGE 9

-- To Carlsbad

To Clovis --

**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 applications have been submitted to the Director of the Oil Conservation Division, State Land Office Building, P.O. Box 2088, Santa Fe, New Mexico 87504-2088, Telephone (505) 827-6800:

(GW-115) - Halliburton Services, Matt D. Ratliff, 1015 Bois D'Arc, P.O. Drawer 1431, Duncan, Oklahoma 73538-0100, has submitted a discharge plan application for their Artesia Service Facility located in Section 28, Township 17 South, Range 28 East, NMPM, Eddy County, New Mexico. Approximately 1300 gallons per day of waste water is collected in the truck washrack and floor sump and discharged into the City of Artesia Sewage Treatment System (POTW). Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 25 feet with a total dissolved solids concentration ranging from 1200 mg/l to 3500 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-131) Petrolite Corporation, E.E. Schooling, 389 Marshall Avenue, St. Louis, Missouri, 63118-1897, has submitted a discharge plan application for their Farmington Service Facility located in Section 3, Township 28 North, Range 11 West, NMPM, San Juan County, New Mexico. There are no planned discharges at the facility. Groundwater most likely to be affected by an accidental discharge is at a depth in excess of 180 feet with a total dissolved solids concentration ranging from 2000 mg/l to 4000 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-44) GPM Gas Corporation, Scott Seesby, Environmental Analyst, 4044 Penbrook, Odessa, Texas 79762, has submitted a discharge plan renewal application for their Hobbs Booster Station which is located in the NE/4 of Section 4, Township 19 South, Range 38 East, NMPM, Lee County, New Mexico. Approximately 388 barrels per day of process waste water is disposed of in the City of Hobbs sewer system. Waste water from the treter operations will be disposed of in an OCD approved Class II disposal well. Groundwater most likely to be impacted is at a depth of approximately 50 feet with a total dissolved solids concentration of approximately 500 mg/l.

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 5:00 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 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 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 29th day of January, 1993.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION  
WILLIAM J. LEMAY, Director  
Journal: February 10, 1993

STATE OF NEW MEXICO  
County of Bernalillo

SS

OIL CONSERVATION DIVISION  
RECEIVED

APR 8 52

Dianne Berglund being duly sworn declares and says that she is National Advertising Sales Supervisor of the **The Albuquerque Journal**, and that this newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Session Laws of 1937, and that payment therefore has been made or assessed as court costs; that the notice, a copy of which is hereto attached, was published in said paper in the regular daily edition,

for.....<sup>1</sup>.....times, the first publication being on the.....<sup>10</sup>.....day of.....<sup>February</sup>....., 1993, and the subsequent consecutive publications on....., 1993.

*Dianne Berglund*

Sworn and subscribed to before me, a Notary Public in and for the County of Bernalillo and State of New Mexico, this .....<sup>10</sup>..... day of.....<sup>Feb</sup>....., 1993.

PRICE.....<sup>\$33.71</sup>.....

Statement to come at end of month.

ACCOUNT NUMBER.....<sup>C 81184</sup>.....

CLA-22-A (R-1/93)

OFFICIAL SEAL  
*Bernadette O'Neil*  
12-18-93

AFFIDAVIT OF PUBLICATION

No. 31237

STATE OF NEW MEXICO,  
County of San Juan:

KIT OWENS being duly sworn, says: "That she is the ADVERTISING DIRECTOR of The Farmington Daily Times, a daily newspaper of general circulation published in English in Farmington, said county and state, and that the hereto attached LEGAL NOTICE

was published in a regular and entire issue of the said Farmington Daily Times, a daily newspaper duly qualified for the purpose within the meaning of Chapter 167 of the 1937 Session Laws of the State of New Mexico for ONE consecutive (days) (/////) on the same day as follows:

First Publication WEDNESDAY, FEBRUARY 10, 1993

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

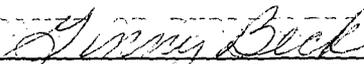
Third Publication \_\_\_\_\_

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

and the cost of publication was \$ 55.64



Subscribed and sworn to before me this 16<sup>th</sup> day of FEBRUARY, 1993.

  
Notary Public, San Juan County,  
New Mexico

My Comm expires: April 2, 1996

COPY OF PUBLICATI

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 applications have been submitted to the Director of the Oil Conservation Division, State Land Office Building, P.O. Box 2088, Santa Fe, New Mexico 87504-2088, Telephone (505) 827-5800:

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(GW-131) Petrolite Corporation, E.E. Schooling, 369 Marshall Avenue, St. Louis, Missouri, 63119-1897, has submitted a discharge plan application for their Farmington Service Facility located in Section 3, Township 29 North, Range 11 West, NMPM, San Juan County, New Mexico. There are no planned discharge at the facility. Groundwater most likely to be affected by an accidental discharges is at a depth in excess of 180 feet with a total dissolved solids concentration ranging from 2000 mg/l to 4000 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-44) GPM Gas Corporation, Scott Seeby, Environmental Analyst, 4044 Penbrook, Odessa, Texas 79762, has submitted a discharge plan renewal application for their Hobbs Booster Station which is located in the NW/4 of Section 4, Township 19 South, Range 38 East, NMPM, Lea County, New Mexico. Approximately 386 barrels per day of process waste water is disposed of in the City of Hobbs sewer system. Waste water from the treater operations will be disposed of in an OCD approved Class II disposal well. Groundwater most likely to be impacted is at a depth of approximately 50 feet with a total dissolved solids concentration of approximately 500 mg/l.

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 5:00 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 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 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 29th day of January, 1993.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION  
WILLIAM J. LEMAY, Director

SEAL

Legal No. 31237 published in the Farmington Daily Times, Farmington, New Mexico on Wednesday, February 10, 1993.

# Affidavit of Publication

No. 14210

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 state, and that the hereto attached Legal Notice

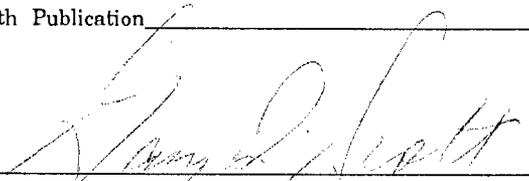
was published in a regular and entire issue of the said Artesia Daily Press, a daily newspaper duly qualified for that purpose within the meaning of Chapter 167 of the 1937 Session Laws of the state of New Mexico for 1 consecutive weeks on the same day as follows:

First Publication February 10, 1993

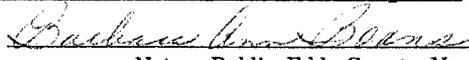
Second Publication \_\_\_\_\_

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

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



Subscribed and sworn to before me this 15th day of February 19 93

  
Notary Public, Eddy County, New Mexico

My Commission expires September 23, 1996

# Copy of Public

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STATE OF NEW MEXICO  
OIL CONSERVATION  
DIVISION  
s-William J. LeMay  
WILLIAM J. LEMAY,  
Director

SEAL  
Published in the Artesia Daily Press, Artesia, N.M. February 10, 1993.

Legal 14210

## LEGAL NOTICE

### 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 applications have been submitted to the Director of the Oil Conservation Division, State Land Office Building, P.O. Box 2088, Santa Fe, New Mexico 87504-2088, Telephone (505) 827-5800.

(GW-115) - Haliburton Services, Matt D. Ratliff, 1015 Bois D'Arc, P.O. Drawer 1431, Duncan, Oklahoma, 73536-0100, has submitted a discharge plan application for their Artesia Service Facility located in Section 28, Township 17 South, Range 26 East, NMPM, Eddy County, New Mexico. Approximately 1300 gallons per day of waste water is collected in the truck wash-rack and floor sump and discharged into the City of Artesia Sewage Treatment System (POTW). Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 25 feet with a total dissolved solids concentration ranging from 1200 mg/l to 3500 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-131) Petrolite Corporation, E.E. Schooling, 369 Marshall Avenue, St. Louis, Missouri, 63119-1897, has submitted a discharge plan application for their Farmington Service Facility located in Section 3, Township 29 North, Range 11 West, NMPM, San Juan County, New Mexico. There are no planned discharges at the facility. Groundwa-

# Affidavit of Publication

STATE OF NEW MEXICO )  
 ) ss.  
COUNTY OF LEA )

Joyce Clemens being first duly sworn on oath deposes and says that he is Adv. Director of THE LOVINGTON DAILY LEADER, a daily newspaper of general paid circulation published in the English language at Lovington, Lea County, New Mexico; that said newspaper has been so published in such county continuously and uninterruptedly for a period in excess of Twenty-six (26) consecutive weeks next prior to the first publication of the notice hereto attached as hereinafter shown; and that said newspaper is in all things duly qualified to publish legal notices within the meaning of Chapter 167 of the 1937 Session Laws of the State of New Mexico.

That the notice which is hereto attached, entitled

Notice Of Publication

~~and was published~~ ~~in~~

~~one~~ ~~day~~ was published in a regular and entire issue of THE LOVINGTON DAILY LEADER and not in any supplement thereof, ~~for~~ ~~one~~ (1) day

~~consecutive~~ ~~weeks~~ beginning with the issue of February 9, 19 93 and ending with the issue of February 9, 19 93

And that the cost of publishing said notice is the sum of \$ 40.50

which sum has been (Paid) ~~as~~ Court Costs

*Joyce Clemens*  
Subscribed and sworn to before me this 10th

day of February, 19 93

*Mrs. Jean Series*  
Notary Public, Lea County, New Mexico

My Commission Expires Sept. 28, 19 94

LEGAL NOTICE  
NOTICE OF  
PUBLICATION  
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NEW MEXICO  
ENERGY, MINERALS AND  
NATURAL RESOURCES  
DEPARTMENT  
OIL CONSERVATION  
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STATE OF NEW MEXICO  
OIL CONSERVATION  
DIVISION  
WILLIAM J. LEMAY,  
Director  
SEAL  
Published in the Lovington Daily Leader February 9, 1993.

NOTICE OF PUBLICATION

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

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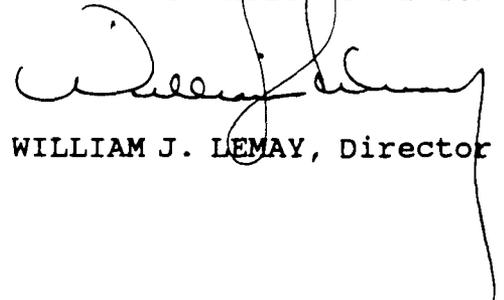
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GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 29th day of January, 1993.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION



WILLIAM J. LEMAY, Director

S E A L

**ACKNOWLEDGEMENT OF RECEIPT  
OF CHECK/CASH**

I hereby acknowledge receipt of check No. [REDACTED] dated 1/6/93,  
or cash received on 1/25/93 in the amount of \$ 50.00

from Halliburton Company

for Artesia Service Facility GW-115  
(Facility Name) (DP No.)

Submitted by: \_\_\_\_\_ Date: \_\_\_\_\_

Submitted to ASD by: Kathy Brown Date: 1/25/93

Received in ASD by: Monique C. Montoya Date: 1/25/93

Filing Fee  New Facility \_\_\_\_\_ Renewal \_\_\_\_\_

Modification \_\_\_\_\_ Other \_\_\_\_\_  
(specify)

Organization Code 521.07 Applicable FY 93

To be deposited in the Water Quality Management Fund.

Full Payment \_\_\_\_\_ or Annual Increment \_\_\_\_\_

VOID AFTER 60 DAYS



VENDOR NO.	DATE	AMOUNT
N1005801	01-06-93	\$50.00

EXACTLY \$50 DOLLARS .00 CENTS

NMED WATER QUALITY MANAGEMENT  
STATE OF NM QUALITY CONTROL  
P O BOX 2088 STATE LAND OFFICE BUILDING  
SANTA FEE NM 87504

*RA Baker*  
*Jimmy E. Cooper*



Citibank Delaware  
ONE PENNY'S WAY  
NEW CASTLE, DE  
19720

PAY  
TO THE  
ORDER  
OF



# Halliburton Company

ENERGY SERVICES GROUP

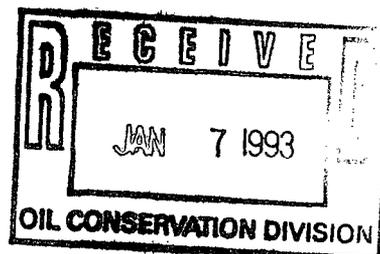
REGULATORY AFFAIRS DEPARTMENT

Writer's Direct Dial Number: (405) 251-4755

January 5, 1993

VIA FEDERAL EXPRESS

State of New Mexico  
Energy, Minerals and Natural  
Resources Department  
Oil Conservation Division  
Attention: Mr. William LeMay  
P.O. Box 2088  
Santa Fe, NM 87504



RE: Discharge Plan Application: GW-115

Dear Mr. LeMay:

I am forwarding the discharge plan application for the Halliburton Services facility located in Artesia, New Mexico, along with two copies, in accordance with paragraph 3 of your letter, dated April 29, 1992. Also included is a Halliburton check in the amount of \$50.00 for the filing fee.

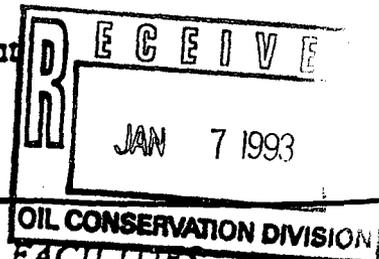
If you have any questions or need additional information, please don't hesitate to contact me at the letterhead number.

Sincerely,

Matt D. Ratliff  
Environmental Engineer  
Enclosures

- c: Carl Lane/Area Manager  
Kent Ostroot/DM Artesia  
Tom Bailey/OM Artesia  
Bruce Hancock/PDS Artesia  
Hugh Hanson  
Harry Messenheimer  
Steve Burford

State of New Mexico  
Energy Minerals and Natural Resources Department  
**OIL CONSERVATION DIVISION**  
P.O. Box 2088  
Santa Fe, NM 87501



**DISCHARGE PLAN APPLICATION FOR OILFIELD SERVICE FACILITIES**  
(Refer to OCD Guidelines for assistance in completing the application.)

I. **TYPE:** Oil Field Service Facility

II. **OPERATOR:** Halliburton Services

**ADDRESS:** P.O. Drawer O, 2311 South First, Artesia, NM 88210

**CONTACT PERSON:** Bruce Hancock **PHONE:** (505) 746-2757

III. **LOCATION:** - /4 - /4 Section - 28 Township 17 South Range 26 - East  
Submit large scale topographic map showing exact location.

- IV. **Attach the name and address of the landowner of the facility site.**  
Halliburton Company, Energy Services Group, 2700 Post Oak Boulevard, Houston, Texas
- V. **Attach a description of the facility with a diagram indicating location of fences, pits, dikes, and tanks on the facility.**  
Diagram and Plot Plan of facility are attached.
- VI. **Attach a description of all materials stored or used at the facility.**  
See attached sheet.
- VII. **Attach a description of present sources and quantities of effluent and waste solids.**  
See attached sheet.
- VIII. **Attach a description of current liquid and solid waste collection/treatment/disposal procedures.**  
See attached sheet.
- IX. **Attach a description of proposed modifications to existing collection/treatment/disposal systems.**  
Not applicable.
- X. **Attach a routine inspection, maintenance plan and reporting to ensure permit compliance.**  
Not applicable.
- XI. **Attach a contingency plan for reporting and clean-up of spills or releases.**  
Contingency Plan is attached.
- XII. **Attach geological/hydrological evidence demonstrating that disposal of oil field wastes will not adversely impact fresh water.**  
No disposal of oil field waste takes place at this facility.
- XIII. **Attach such other information as is necessary to demonstrate compliance with any other OCD rules, regulations and/or orders.**

Please advise if more information is needed.

IV. **CERTIFICATION**

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

**Name:** Matt D. Ratliff **Title:** Environmental Engineer

**Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**DISTRIBUTION:** Original and one copy to Santa Fe with one copy to appropriate Division District Office.

Main Office

Maintenance Shop

Bulk Motor Oil

Used Oil  
Grease Rack

Sup Wash Rack

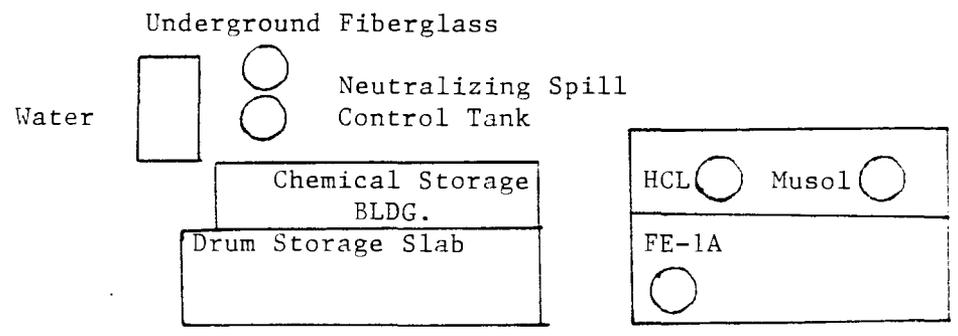
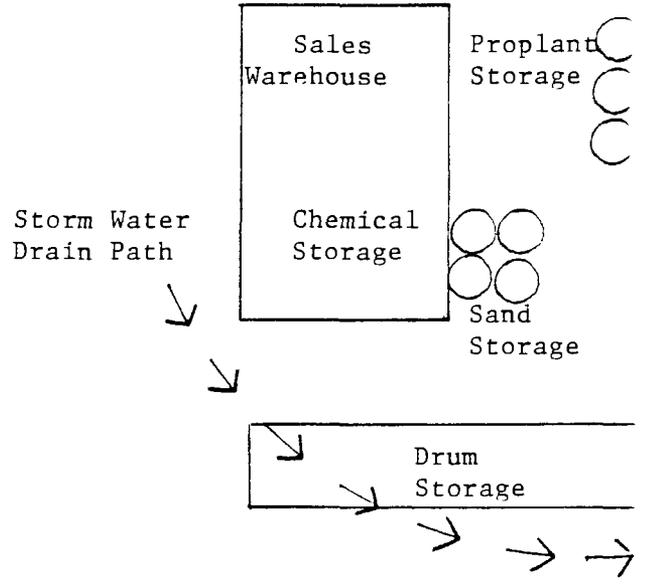
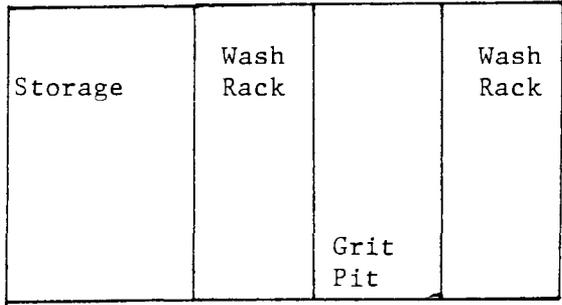
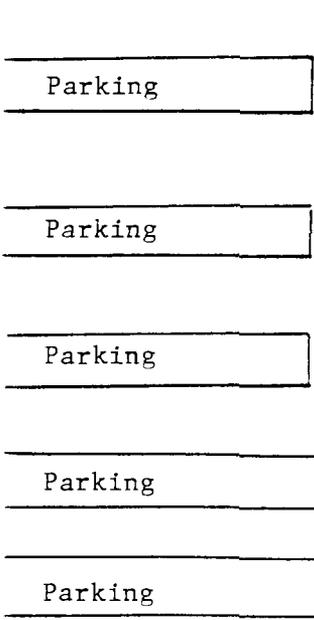
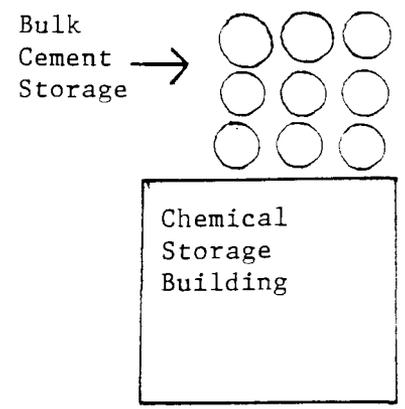
Storage

Tire Storage

Clerk's Office

Safety Dept./ Lab

P  
A  
R  
K  
I  
N  
G



Parking

Sodium Silicate

Empty Tank

# DISCHARGE PLAN APPLICATION

## Oilfield Service Facilities

### Part VI. Form (Optional)

Materials Stored or Used at the Facility - For each category of material listed below provide information on the general composition of the material or specific information (including brand names if requested), whether a solid or liquid, type of container, estimated volume stored and location. Submit MSD information for chemicals as requested. Use of this form is optional, but the information requested must be provided.

Name	General Makeup or Specific Brand Name (if requested)	Solids(S) or Liquids(L)?	Type of Container (tank drum, etc.)	Estimated Volume Stored	Location (yard, shop, drum storage, etc.)
1. Drilling Fluids (include general makeup & types special additives [e.g. oil, chrome, etc.]	N/A	N/A	N/A	N/A	N/A
2. Brines - (KCl, NaCl, etc.)	KCL	(S)	Sack	6800 lbs.	Bulk Plt.
3. Acids/Caustics (Provide names & MSD sheets)	HCL, Musol, FE-1A	(L)	Fiber Glass Tanks	HCL-240 bbls. Musol " " FE-1A-120 bbls.	Acid Dock
4. Detergents/Soaps	N/A	N/A	N/A	N/A	N/A
5. Solvents & Degreasers (Provide names & MSD sheets)	SAFETY-KLEEN SERVICED	(S)	Drum	40-gal	Shop
6. Paraffin Treatment/ Emulsion Breakers (Provide names & MSD sheets)	Paracheck/Parasperse Losurf-300 14N, 15N, AS-7	(L) (L) (L)	55gal. Drum " " " "	300 gals. " "	Acid Dock
7. Biocides (Provide names & MSD sheets)	BE-3, BE-4, BE-5	(L) (L) (S)	5 gal. can 5 gal. can sack	3 = 30 gals. 4 = 30 gals. 5 = 100 lbs.	Chemical Storage
8. Others - (Include other liquids & solids, e.g. cement etc.)	Cement Fly Ash	(S) (S)	SILO'S Silo	CEM. 210 tons F.A. 70 tons	Bulk Plt.

DISCHARGE PLAN APPLICATION

*Oilfield Service Facilities*

*Part VII. Form (Optional)*

*Sources and Quantities of Effluent and Waste Solids Generated at the Facility - For each source include types of effluents (e.g. salt water, hydrocarbons, sewage, etc.), estimated quantities in barrels or gallons per month, and types and volumes of major additives (e.g. acids, biocides, detergents, degreasers, etc.). Use of this form is optional, but the information requested must be provided.*

<i>Waste Type</i>	<i>General Composition and Source (solvents from small parts cleaning, oil filters from trucks, etc.)</i>	<i>Volume Per Month (bbl or gal)</i>	<i>Major Additives (e.g. degreaser fluids from truck washing, soap in steam cleaners)</i>
1. <i>Truck Wastes (Describe types of original contents trucked [e.g. brine, produced water, drilling fluids, oil wastes, etc])</i>	N/A	N/A	N/A
2. <i>Truck, Tank &amp; Drum Washing</i>	Concrete Wash Rack	40,000-gal/month	water
3. <i>Steam Cleaning of Parts, Equipment, Tanks</i>	N/A	N/A	N/A
4. <i>Solvent/Degreaser Use</i>	SAFETY KLEEN CONTAINED		
5. <i>Spent Acids, Caustics, or Completion Fluids (Describe)</i>	N/A	N/A	N/A

Waste Type	General Composition and Source (solvents from small parts cleaning, oil filters from trucks, etc.)	Volume Per Month (bbl or gal)	Major Additives (e.g. degreaser fluids from truck washing, soap in steam cleaners)
6. Waste Slop Oil	N/A	N/A	N/A
7. Waste Lubrication and Motor Oils	Oil from trucks	200-gal/month	N/A
8. Oil Filters	From trucks and engines	50 filters/month	N/A
9. Solids and Sludges from Tanks (Describe types of materials [e.g. crude oil tank bottoms, sand, etc.]	N/A	N/A	N/A
10. Painting Wastes	N/A	N/A	N/A
11. Sewage (Indicate if other wastes mixed with sewage; if no commingling, domestic sewage under jurisdiction of the NMEID)	City Sewer System comingled with industrial waste water from truck wash	40,000-gal/month	N/A
12. Other Waste Liquids (Describe in detail)	N/A	N/A	N/A
13. Other Waste Solids (Cement, construction materials, used drums)	Cement	100 sacks	N/A

# DISCHARGE PLAN APPLICATION

## Oilfield Service Facilities

### Part VIII. Form (Optional)

Summary Description of Existing Liquid and Solids Waste Collection and Disposal - For each waste type listed in Part VII, provide summary information about onsite collection and disposal systems. Information on basic construction features, specific descriptions, and wastewater schematics should be provided as required in the Guidelines. The use of this form is optional, but the summary information requested must be provided.

Waste Type	Tank(T)/ Drum(S)	Floor Drain/(F) Sump(S)	Pits- Lined(L) or Unlined(U)	Onsite Injection Well	Leach Field	Offsite Disposal
1. Truck Wastes	N/A		N/A		N/A	
2. Truck, Tank and Drum Washing	Truck	Floor Drain (S)	(L)			City Sewer
3. Stream Cleaning of Parts, Equipment, Tanks			N/A	N/A	N/A	
4. Solvent/Degreaser Use	SAFETY KLEEN SERVICED					
5. Spent Acids, Caustics, or Completion Fluids	N/A					
6. Waste Slop Oil	N/A					

<i>Waste Type</i>	<i>Tank(T)/ Drum(S)</i>	<i>Floor Drain/(F) Sump(S)</i>	<i>Pits- Lined(L) or Unlined(U)</i>	<i>Onsite Injection Well</i>	<i>Leach Field</i>	<i>Offsite Disposal</i>
7. <i>Waste Lubrication and Motor Oils</i>	(T)					Brewer Oil
8. <i>Oil Filters</i>	(S)					Returned to Duncan for Reclamation
9. <i>Solids and Sludges from Tanks</i>	N/A	N/A			N/A	
10. <i>Painting Wastes</i>	N/A					N/A
11. <i>Sewage</i>						City
12. <i>Other Waste Liquids</i>	N/A	N/A	N/A	N/A	N/A	
13. <i>Other Waste Solids</i>	Cement 100 Sacks					X



STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION



BRUCE KING  
GOVERNOR

November 30, 1992

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87504  
(505) 827-5800

ANITA LOCKWOOD  
CABINET SECRETARY

CERTIFIED MAIL  
RETURN RECEIPT NO. P-667-241-920

Mr. Matt D. Ratliff  
Halliburton Company  
1015 Bois D'Arc  
P.O. Drawer 1431  
Duncan, Oklahoma 73536-0100

**RE: Extension for Discharge Plan (GW-115) Submittal  
Halliburton Company Artesia Service Facility  
Eddy County, New Mexico**

Dear Mr. Ratliff:

The Oil Conservation Division has received your request for a 120 day extension to submit the required discharge plan application for the above referenced facility. The discharge plan application was due on August 29, 1992. The extension will allow Halliburton time to obtain and assemble the large quantity of material requested in the application.

Pursuant to Water Quality Control Commission (WQCC) Regulations 3-106.A, and for good cause shown, an extension to December 29, 1992 for the submission of a discharge plan application for the Artesia Service Facility is hereby approved. In addition, Halliburton is granted a 120 day extension from December 29, 1992 to April 29, 1993, to discharge without an approved discharge plan. This extension will allow the OCD sufficient time to evaluate the materials submitted.

If you have any questions, please call Kathy Brown at (505) 827-5884.

Sincerely,

William J. LeMay  
Director

xc: Mike Williams, OCD Artesia Office



**Halliburton Company**

ENERGY SERVICES GROUP

OIL CONSERVATION DIVISION  
RECEIVED

'92 NOV 9 AM 8 55

REGULATORY AFFAIRS DEPARTMENT

Writer's Direct Dial Number: (405) 251-4755

**CERTIFIED MAIL--RRR**

November 3, 1992

State of New Mexico  
Energy, Minerals and Natural Resources Department  
Oil Conservation Division  
Attention: Kathy Brown  
P.O. Box 2088  
Santa Fe, NM 87504-2088

Dear Kathy:

It has recently come to my attention that the Discharge Plan Application For Oil Field Service Facilities sent to our Artesia, New Mexico, site is past due.

Because of the large quantity of material requested in the application, I am requesting an extension of 120 days beyond the deadline date. This extension would give us until mid-December to file the application.

Thank you for your patience and understanding in this matter. If you have any questions or need additional information, please don't hesitate to contact me at the letterhead number.

Sincerely,

Matt D. Ratliff  
Environmental Engineer

c: Kent Ostroot  
Tom Bailey  
Sherman Pierce  
Steve Burford



STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION



BRUCE KING  
GOVERNOR

April 29, 1992

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87504  
(505) 827-5800

ANITA LOCKWOOD  
CABINET SECRETARY

**CERTIFIED MAIL**  
**RETURN RECEIPT NO. P-670-683-548**

Mr. Matt Ratliff  
Environmental Engineer  
Halliburton Company  
P.O. Box Drawer 1421  
Duncan, Oklahoma 73536-0100

**RE: DISCHARGE PLAN REQUIREMENT  
ARTESIA SERVICE FACILITY (GW-115)  
EDDY COUNTY, NEW MEXICO**

Dear Mr. Ratliff:

Under the provisions of the New Mexico Water Quality Control Commission (WQCC) Regulations, you are hereby notified that the filing of a discharge plan is required for your existing Halliburton Service Facility located in Artesia, New Mexico.

This notification of discharge plan requirement is pursuant to Part 3-104 and Part 3-106 of the WQCC Regulations. The discharge plan, defined in Part 1.101.P. of the WQCC Regulations, should cover all discharges of effluent or leachate at the facility or adjacent to the facility site. Included in the application should be plans for controlling spills and accidental discharges at the facility (including detection of leaks in below grade sumps, buried underground process tanks and/or piping), and closure plans for any pits or ponds whose use will be discontinued.

A copy of the regulations is enclosed for your convenience. Also enclosed is an application and a copy of OCD Guidelines for the Preparation of Discharge Plans at Oil Field Service Facilities. Three copies of your discharge plan should be submitted for review purposes with one copy submitted to the appropriate District Office.

Section 3-106.A. of the regulations requires a submittal of the discharge plan within 120 days of receipt of this notice unless an extension of this time period is sought and approved for good

Mr. Matt Ratliff  
April 29, 1992  
Page - 2

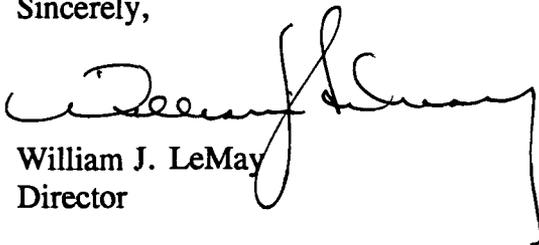
cause. Part 3-106.A. also allows the discharge to continue without an approved discharge plan until 240 days after written notification by the Director of the OCD that a discharge plan is required. An extension of this time may be sought and approved for good cause.

Pursuant to the New Mexico Water Quality Control Commission (WQCC) Regulation 3-114 "every billable facility submitting a discharge plan for approval, modification or renewal shall pay the fees specified in this section to the Water Quality Management Fund". WQCC Rule 3-114 became effective as of August 18, 1991, and is found on page 33.1 of the enclosed WQCC Rules and Regulations.

Every billable facility submitting a new discharge plan will be assessed a fee equal to the filing fee plus either a flat fee or discharge fee. The filing fee is fifty (50) dollars and shall be submitted with the discharge plan application (nonrefundable). The remainder of the "total fee" for oil and gas service companies falls under the "flat fee" category and is equal to one-thousand, three-hundred and eighty (1380) dollars. The flat fee for an approved discharge plan may be paid in a single payment due at the time of approval, or in equal annual installments over the duration of the discharge plan, with the first payment due at the time of approval. Please make all checks out to the **NMED - Water Quality Management**.

If there are any questions on this matter, please feel free to contact Roger Anderson at (505) 827-5812 or Kathy Brown at (505) 827-5884 as they have the assigned responsibility for review of all discharge plans.

Sincerely,



William J. LeMay  
Director

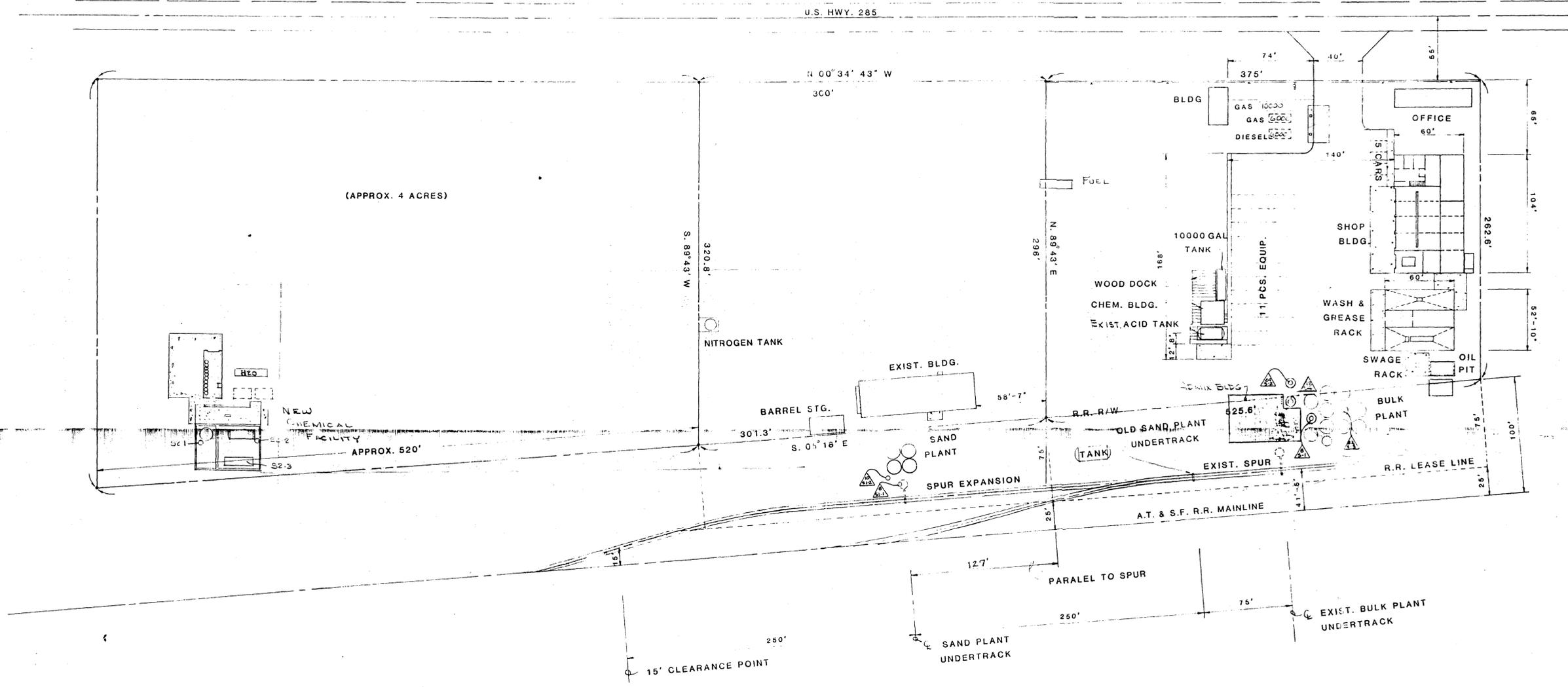
WJL/kmb

xc: Mike Williams, OCD Artesia Office  
Chris Eustice, OCD Hobbs Office



REV. 'A' - ADDED 4th TANK TO SAND PLANT, SOUTHVEST CORNER. REMOVED INDEX No 01-20310-CD & FACILITY No DC 006 FROM DWG.  
 201. B - ADD NEW CHEM. FACILITY  
 201. C - ADD 3RD TR. CAG SCALE TANK IN BULK CEMENT PLANT

SCALE 1"=50'	DRWN. BY CH	DATE 5-5-81
CHECKED BY	DATE	
REVISION NO.	BY	DATE
A	CH	6-2-81
B	MP	4-7-83
C	MP	1-21-85



**Drawing Approval**

Area	Initials	Date
Liquid & Chem.		
Structural		
Electrical		
HVAC		
Civil		
Mechanical	CH	6-3-80
Bulk Handling	JCH	6-4-82
Arch. & Overall	MP	6-4-82

**PLOT PLAN**  
**W/EMISSION SOURCES**  
**ARTESIA, NEW MEXICO**



INDEX

FACILITY	001-20310
LOCATION	DSITES2006
SHEET NO.	1 OF 1