

GW - 114

**GENERAL
CORRESPONDENCE**

YEAR(S):

8/95 → 1983



GARY E. JOHNSON
GOVERNOR

State of New Mexico
ENVIRONMENT DEPARTMENT
Harold Runnels Bulding
1190 St. Francis Drive, P.O. Box 26110
Santa Fe, New Mexico 87502
(505) 827- 0188

MARK E. WEIDLER
SECRETARY

EDGAR T. THORNTON, III
DEPUTY SECRETARY

UNDERGROUND STORAGE TANK BUREAU

FAX #: 827-0310

TELECOPIER/FACSIMILE COVER SHEET

TO: Pat Sanchez

OFFICE: OCD

PHONE: x 7156 FAX #: x 8177

ACTION REQUIRED: HIGH PRIORITY LOW PRIORITY

NUMBER OF PAGES INCLUDING THIS COVER SHEET

2

FROM: Ray Montes

OFFICE: USTB

PHONE: 827-0215

DATE SENT: 9-23-96

COMMENTS:

Pat -
See you tomorrow -
RAY

Document/File Request Form

Fill out the following:

- 1) Date _____
- 2) Name _____
Address _____
Phone No. (____) _____
- 3) Firm/person you represent _____
Address _____
Phone No. (____) _____
- 4) Document/data requested _____

- 5) Staff member processing request _____

I (name) _____, will not destroy, alter, or remove information or documents from state files without permission of the New Mexico Environment Department.

Requestor signature _____

Manager/Supervisor signature _____

The cost of requestor copying is .35 cents per page.

OIL CONSERVATION DIVISION

2040 S. Pacheco
Santa Fe, New Mexico 87505

August 22, 1995

CERTIFIED MAIL

RETURN RECEIPT NO.P-176-012-174

Mr. John A. Miller, Remediation Manager
Dowell Schlumberger Inc.
P.O. Box 4378
Houston, Texas 77210-4378

**RE: WORK PLAN FOR DELINEATION OF CONTAMINATION
DOWELL SCHLUMBERGER ARTESIA SERVICE FACILITY
EDDY COUNTY, NEW MEXICO**

Dear Mr. Miller:

The New Mexico Oil Conservation Division (OCD) has received Dowell Schlumberger Inc.'s (D/S) July 25, 1995 work plan to use existing monitor wells to monitor the Total Petroleum Hydrocarbon (TPH) contamination left in place after the closure of the acid plant at the above referenced facility.

The proposal is hereby approved with the following conditions:

1. Monitor wells MW-9, MW-10 and MW-15 will be sampled in October of 1995 and quarterly thereafter. Upon renewal of the facility's ground water discharge plan the sampling requirements will be reviewed.
2. Ground water samples for the October, 1995 sampling will be analyzed for TPH, benzene-toluene-ethylbenzene-xylene (BTEX), polyaromatic hydrocarbons (PAH's), chlorinated solvents, major cations/anions and heavy metals using EPA approved laboratory methods.
3. The results of the monitor well sampling will be submitted to the OCD-Santa Fe office within 60 days of all sampling event.
4. If the October, 1995 sampling determines all constituents to be non-detectable, the monitor wells will need only analyzed for TPH, BTEX and PAH's thereafter.
5. D/S will notify the OCD 72 hours in advance of any sampling event to allow the OCD opportunity to witness the events.

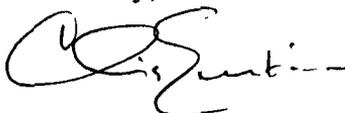
Mr. Miller
August 22, 1995
Page 2

opportunity to witness the event.

Please be advised this approval does not limit D/S to the work proposed should the investigation fail to adequately define the extent of contamination related to D/S's facility, nor does OCD approval relieve D/S of liability should their operation result in pollution of the ground water, surface water or the environment.

If you have any questions, please contact me at (505) 827-7153.

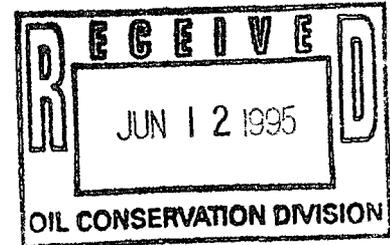
Sincerely,

A handwritten signature in cursive script, appearing to read "Chris Eustice".

Chris E. Eustice
Environmental Geologist

xc: OCD Artesia District Office

John A. Miller
Remediation Manager



June 9, 1995

Via FEDEX

Mr. Chris Eustice
Energy, Minerals and Natural Resources Dept.
Oil Conservation Division
2040 South Pacheco
Santa Fe, New Mexico 87505

Re: Former Acid Plant, Dowell Schlumberger facility, Artesia, New Mexico

Dear Mr. Eustice:

Your letter dated April 11, 1995 addresses concerns regarding remaining soil contamination and potential ground-water impacts associated with the former acid plant at our facility in Artesia, New Mexico. Dowell is presently conducting environmental investigation and remediation activities at the facility. These activities include water level measuring and water quality sampling of 21 ground-water monitoring wells and operation of two soil vapor extraction (SVE) systems. This work is conducted under the supervision of the Underground Storage Tank Bureau and the Groundwater Protection and Remediation Bureau of the New Mexico Environment Department and includes vertical evaluation of ground-water through a group of nested wells. *U.S.T. Removal*

The attached map (Figure 1) shows the locations of the ground-water monitoring wells and the SVE systems. There are two monitoring wells in the vicinity of the former acid plant: MW-9, northeast (downgradient) of the former acid plant, and MW-15, to the east (cross-gradient). These wells have been monitored for volatile aromatic and chlorinated hydrocarbons since January 1991 (MW-9) or September 1991 (MW-15). The most recent sampling event occurred in April 1995. Current and historic analytical data for these two wells are included in Table 1. Although subsurface soils containing in excess of 100 parts per million (ppm) total petroleum hydrocarbons (TPH) are present beneath the former acid plant, data from these adjacent ground-water monitoring wells show that impacts to ground water from these soils have been minor.

Dowell proposes to continue observation of the ground-water quality in MW-9 and MW-15 through quarterly ground-water monitoring as part of existing investigation and remediation activities. Because the impacts to ground water immediately downgradient of the former acid plant are minimal, no other remedial action is proposed at this time.

I hope this information clarifies our investigative and remedial activities. Please contact me if you have additional questions or comments.

Sincerely,


John A. Miller

cc: WWC, Laramie

basic gas additive

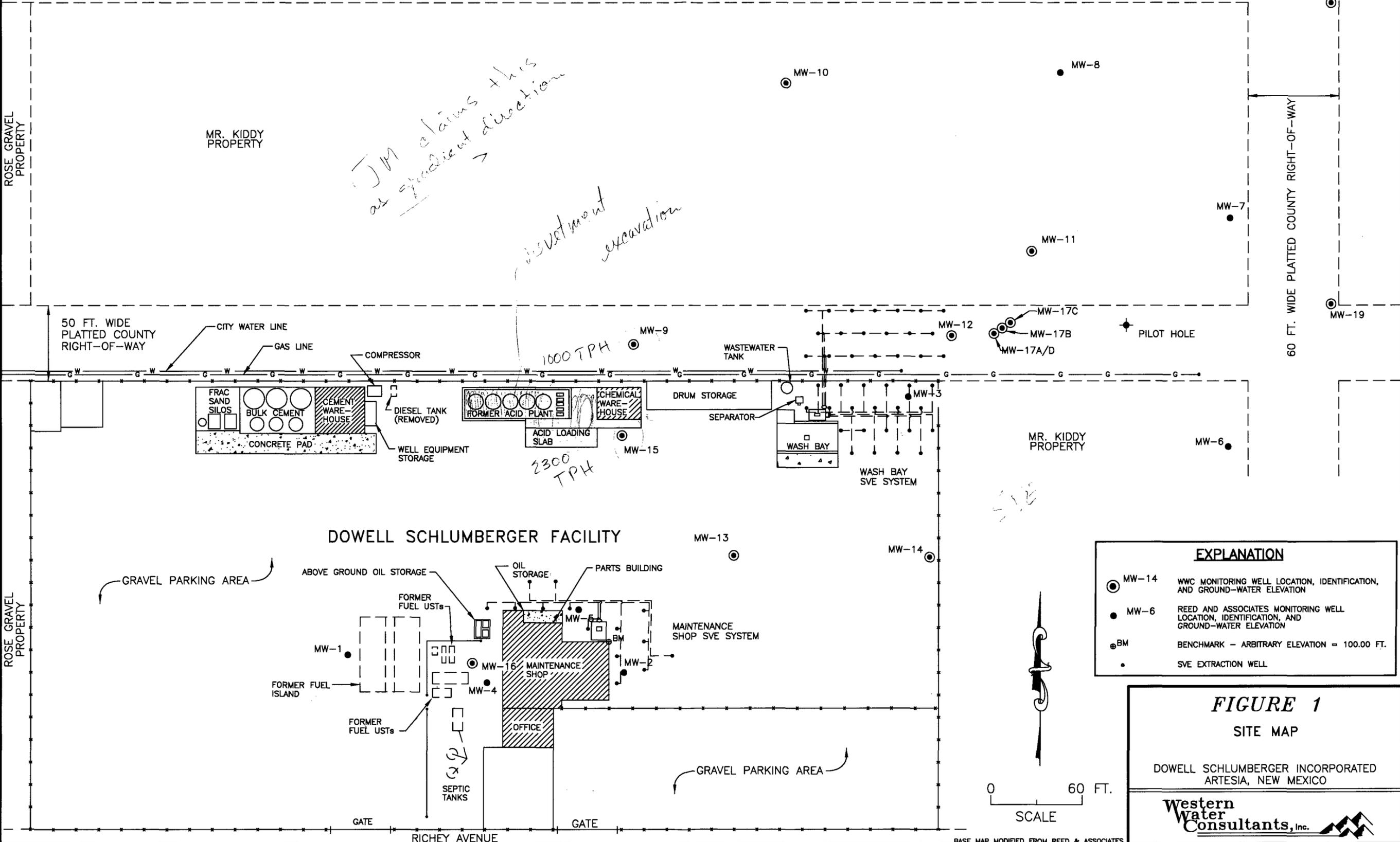
TABLE 1. RESULTS FROM LABORATORY ANALYSES OF GROUND-WATER SAMPLES FROM MW-9 AND MW-15, DOWELL SCHLUMBERGER INCORPORATED, ARTESIA, NEW MEXICO

WELL NUMBER	SAMPLE DATE	BENZENE (mg/L)	ETHYL-BENZENE (mg/L)	TOLUENE (mg/L)	XYLENES (mg/L)	1,1-DCA (mg/L)	1,2-DCA (mg/L)	1,1-DCE (mg/L)	1,1,1-TCA (mg/L)	1,1,2-TCA (mg/L)	TCE (mg/L)	PCE (mg/L)	ACETONE (mg/L)	TPH (mg/L)	
MW-9	01/26/91	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.005)	0.022	ND(0.001)	0.002	ND(0.001)	ND(0.001)	ND(0.001)	0.001	ND(0.01)	ND(1)	
	09/15/91	0.002	0.032	ND(0.001)	ND(0.005)	0.035	ND(0.001)	0.002	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	0.019	ND(1)	
	11/22/91	0.004	0.17	ND(0.001)	ND(0.005)	0.029	ND(0.001)	0.002	ND(0.001)	ND(0.001)	ND(0.001)	0.001	0.014	NA	
	03/16/93	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.005)	0.012	ND(0.001)	0.001	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.01)	NA	
	01/10/94	ND(0.001)	ND(0.001)	0.002	ND(0.005)	0.012	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.01)	NA	
	04/19/94	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.01	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.05)	ND(0.1)	NA
	07/20/94	ND(0.005)	ND(0.005)	ND(0.005)	0.001J	0.017	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.009J	NA
	10/25/94	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.014	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.1)	NA
	01/25/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.014	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.1)	NA
	04/03/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.015	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.1)	NA
MW-15	09/15/91	0.002	0.01	ND(0.001)	0.006	0.026	0.001	0.005	ND(0.001)	ND(0.001)	ND(0.001)	0.004	0.024	ND(1)	
	11/22/91	ND(0.001)	ND(0.001)	ND(0.001)	ND(0.005)	0.033	0.001	0.009	ND(0.001)	ND(0.001)	0.003	0.006	ND(0.01)	NA	
	03/16/93	0.001	0.002	ND(0.001)	ND(0.005)	0.082	0.001	0.013	ND(0.001)	ND(0.001)	0.006	0.009	ND(0.01)	NA	
	01/10/94	ND(0.001)	0.008	ND(0.001)	ND(0.005)	0.048	ND(0.001)	0.009	ND(0.001)	ND(0.001)	0.004	0.013	ND(0.01)	NA	
	dup. 01/10/94	0.001	0.009	0.002	ND(0.005)	0.054	ND(0.001)	0.01	ND(0.001)	ND(0.001)	0.004	0.015	ND(0.01)	NA	
	04/19/94	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.027	ND(0.005)	0.005J	ND(0.005)	ND(0.005)	0.003J	0.008	ND(0.1)	NA	
	07/20/94	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.049	0.001J	0.006	ND(0.005)	ND(0.005)	0.004J	0.005	ND(0.1)	NA	
	10/25/94	0.001J	ND(0.005)	ND(0.005)	ND(0.005)	0.029	ND(0.005)	0.006	ND(0.005)	ND(0.005)	0.004J	0.006	ND(0.1)	NA	
	01/25/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.027	ND(0.005)	0.006	ND(0.005)	ND(0.005)	0.005	0.008	ND(0.1)	NA	
	04/03/95	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	0.029	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.1)	NA	

NOTES:
 mg/L = milligrams per liter (equivalent to parts per million)
 ND(0.001) = chemical not detected at detection limit shown in parentheses
 NA = not analyzed
 dup. = duplicate sample

CHEMICAL ABBREVIATIONS:
 1,1-DCA = 1,1-dichloroethane
 1,2-DCA = 1,2-dichloroethane
 1,1-DCE = 1,1-dichloroethene
 1,1,1-TCA = 1,1,1-trichloroethane
 1,1,2-TCA = 1,1,2-trichloroethane
 TCE = trichloroethene
 PCE = tetrachloroethene

50 FT. WIDE PLATTED COUNTY RIGHT-OF-WAY



DOWELL SCHLUMBERGER FACILITY

EXPLANATION	
● (with center dot)	MW-14 WWC MONITORING WELL LOCATION, IDENTIFICATION, AND GROUND-WATER ELEVATION
●	MW-6 REED AND ASSOCIATES MONITORING WELL LOCATION, IDENTIFICATION, AND GROUND-WATER ELEVATION
⊕	BM BENCHMARK - ARBITRARY ELEVATION = 100.00 FT.
•	SVE EXTRACTION WELL

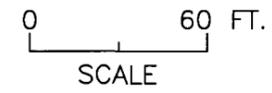
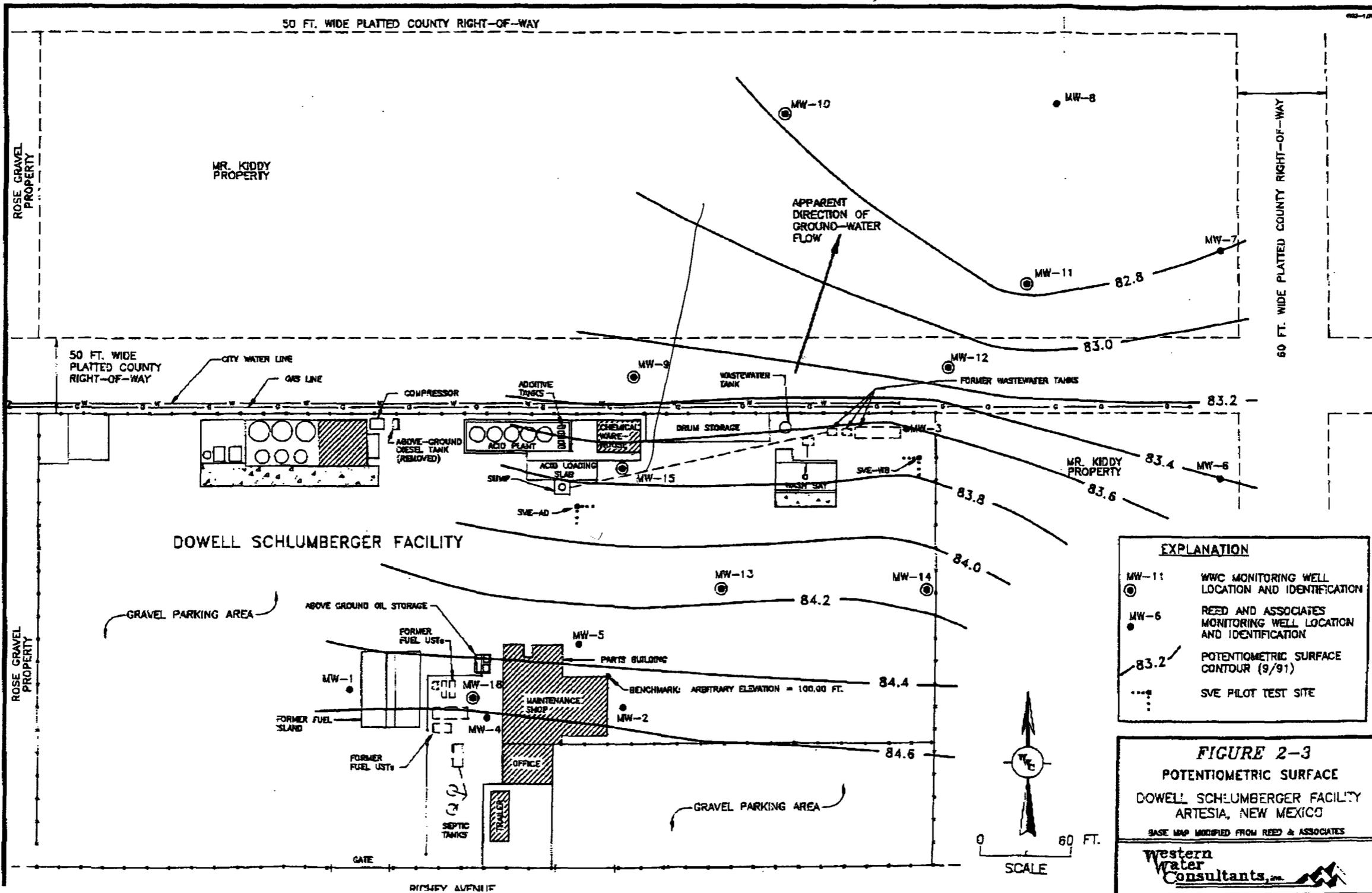


FIGURE 1
SITE MAP
DOWELL SCHLUMBERGER INCORPORATED
ARTESIA, NEW MEXICO
Western Water Consultants, Inc.

BASE MAP MODIFIED FROM REED & ASSOCIATES



50 FT. WIDE PLATTED COUNTY RIGHT-OF-WAY

60 FT. WIDE PLATTED COUNTY RIGHT-OF-WAY

MR. KIDDY PROPERTY

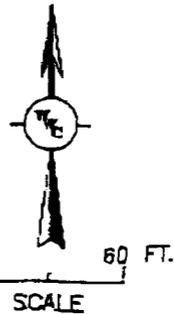
ROSE GRAVEL PROPERTY

50 FT. WIDE PLATTED COUNTY RIGHT-OF-WAY

DOWELL SCHLUMBERGER FACILITY

EXPLANATION	
MW-11	WWC MONITORING WELL LOCATION AND IDENTIFICATION
MW-6	REED AND ASSOCIATES MONITORING WELL LOCATION AND IDENTIFICATION
83.2	POTENTIOMETRIC SURFACE CONTOUR (9/91)
⋯	SVE PILOT TEST SITE

FIGURE 2-3
POTENTIOMETRIC SURFACE
DOWELL SCHLUMBERGER FACILITY
ARTESIA, NEW MEXICO
BASE MAP MODIFIED FROM REED & ASSOCIATES
Western Water Consultants, Inc.



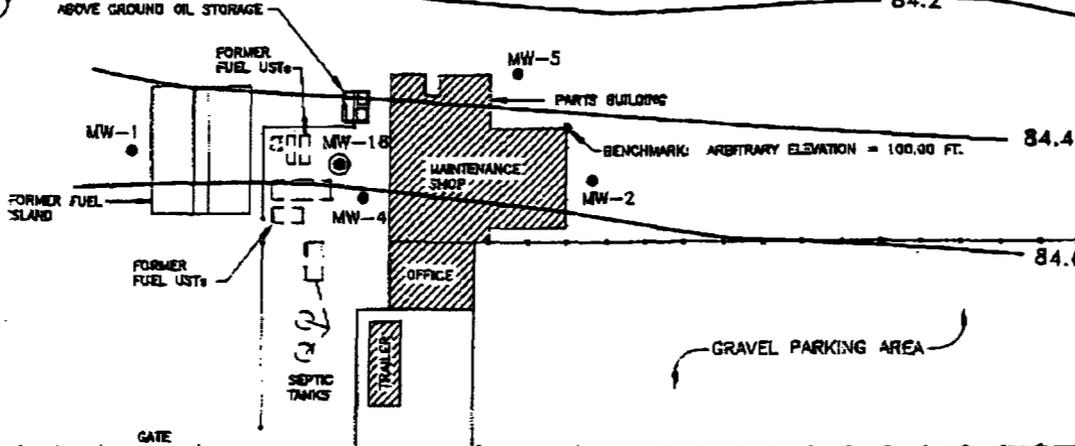
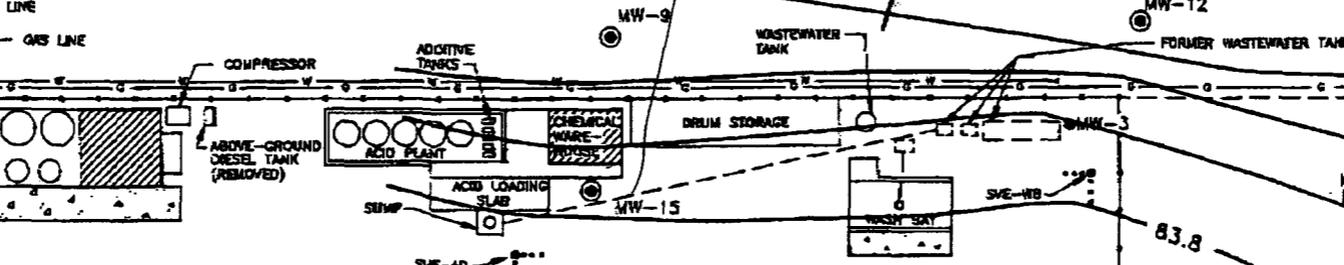
APPARENT DIRECTION OF GROUND-WATER FLOW

RISLEY AVENUE

ROSE GRAVEL PROPERTY

GRAVEL PARKING AREA

GRAVEL PARKING AREA





STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

2040 S. PACHECO
SANTA FE, NEW MEXICO 87505
(505) 827-7131

July 3, 1995

CERTIFIED MAIL
RETURN RECEIPT NO.P-176-012-153

Mr. Darwin Thompson
Dowell Schlumberger Inc.
P.O. Box 640
Hobbs, New Mexico 88240

**RE: MODIFICATION PROPOSAL
(GW-114) DOWELL SCHLUMBERGER ARTESIA SERVICE FACILITY
EDDY COUNTY, NEW MEXICO**

Dear Mr. Thompson:

The New Mexico Oil Conservation Division (OCD) has received Dowell Schlumberger, Inc.'s (Dowell) May 7, 1995 request to modify the existing discharge plan for the above referenced facility. The modification request is for the addition of a fiberglass containment (20,106 gallon containment) for the 36% hydrochloric acid tank (15,000 gallon tank) and the addition of concrete pad and curb to be used for drum storage. Based upon the information provided the modification request is hereby approved.

This modification is considered minor because there will not be any additional discharge or leachate. Therefore, public notice was not issued and there will be no fees.

Please be advised that this approval does not relieve Dowell of liability should their operation result in pollution of surface water, ground water or the environment actionable under other laws and/or regulations. In addition, this approval does not relieve Dowell of responsibility for compliance with other federal, state or local laws and/or regulations.

Sincerely,

A handwritten signature in cursive script, reading "William J. LeMay" followed by a stylized monogram "WJL".

William J. LeMay
Director

WJL/cee
xc: OCD Artesia Office

Dowell Schlumberger Incorporated
P.O. Box 640
Hobbs, New Mexico 88241
(505) 393-6186 (office)

OIL CONSERVATION
RECEIVED
'95 MAR 1 AM 8 5

Dowell Schlumberger
P.O. Box 640
Hobbs, New Mexico 88240

April 27, 1995

Chris Eustice
Oil Conservation Division
Environmental Bureau
2040 South Pacheco
Santa Fe, New Mexico 87505

RE: Proposed change to existing discharge plan

Dear Chris:

We are proposing a change in the SPCC discharge plan for the facility in Artesia, NM. The changes will include adding (2) above ground fiberglass containments. These containments will be 32 feet by 14 feet with 3 foot walls. The combined volume of these containments will be 20,106 gallons this is 133% of the 15,000 gallon tank which will be installed inside these containments. This tank will store 36% hydrochloric acid. A fume scrubber will be installed to insure there will be no discharge of fumes from the tank vent.

Also included in this construction will be a drum storage area. This will consist of a 32 foot by 20 foot cement slab with a retaining wall. The wall will be 2 inches tall. The volume of this containment wall will be 738 gallons. The largest tank that will be stored in this area will hold 330 gallons.

Please see the attached schematic showing the location of the proposed construction.

If there any questions regarding this proposal please contact one of the following people:

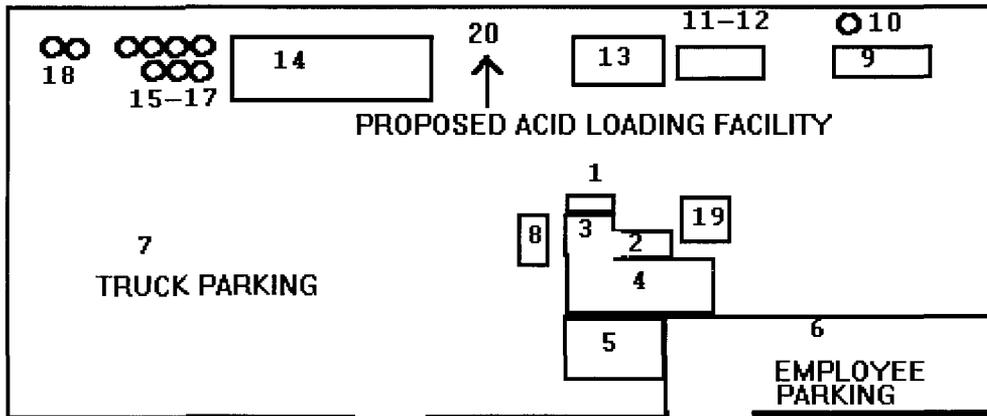
Lynn Northcutt at (505) 748 1392 or Darwin Thompson at (505) 393 6186

Sincerely,

Darwin Thompson



ARTESIA, N.M. PLOT PLAN



ARTESIA, NEW MEXICO

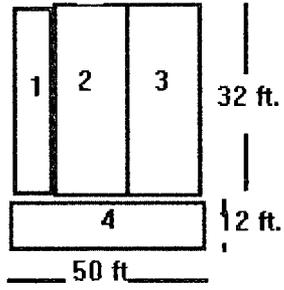
PLOT PLAN LEGEND

JANUARY 25, 1995

1. OIL STORAGE
2. PARTS STORAGE
3. SHOP OFFICE
4. TRUCK SHOP
5. MAIN OFFICE BUILDING
6. EMPLOYEE PARKING
7. TRUCK PARKING
8. OIL STORAGE
9. WASH BAY
10. WATER TANK
11. EMPTY DRUM STORAGE
12. CHEMICAL DRUM STORAGE
13. WAREHOUSE (NOT IN USE)
14. DRY CHEMICAL WAREHOUSE (CEMENT)
15. NEAT CEMENT
16. D132
17. D20
18. SAND STORAGE
19. BUILDING FOR SVE PROJECT
20. PROPOSED ACID LOADING FACILITY

FENCE ON NORTH SIDE OF PROPERTY

CEMENT
WAREHOUSE



WAREHOUSE
NOT IN USE

1. CEMENT SLAB FOR DRUM STORAGE.
- 2 AND 3. FIBERGLASS REVETMENTS.
4. DRIVEWAY.



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

2040 S. PACHECO
SANTA FE, NEW MEXICO 87505
(505) 827-7131

April 11, 1995

CERTIFIED MAIL

RETURN RECEIPT NO. P-176-012-120

Mr. John A. Miller, Remediation Manager
Dowell Schlumberger Inc.
P.O. Box 2727
Houston, Texas 77252-2727

**RE: ACID PLANT CLOSURE REPORT
ARTESIA SERVICE FACILITY (GW-114)
EDDY COUNTY, NEW MEXICO**

Dear Mr. Miller:

The Oil Conservation Division (OCD) has completed a review of Dowell Schlumberger, Incorporated's (D/S) January 28, 1995 "CLOSURE REPORT FOR THE ACID PLANT AT THE DOWELL SCHLUMBERGER INCORPORATED FACILITY ARTESIA, NEW MEXICO" for the above referenced facility. *23 CE*

The following comments are based upon the OCD's review of the closure report.

1. The report did not address the vertical extent of the contamination or any information pertaining to the potential impact of groundwater.
2. The final remedial contaminant levels at the site are in excess of the recommended remediation levels as contained in the OCD's February 1993 "SURFACE IMPOUNDMENT CLOSURE GUIDELINES".

Therefore, the OCD requires that D/S submit a plan to address the remaining contamination at this site and determine the vertical extent of the contamination. The plan will be submitted to the OCD Santa Fe Office by June 11, 1995 with a copy supplied to the OCD Artesia Office.

If you have any questions, please call me at (505) 827-7153.

Sincerely,

A handwritten signature in cursive script, appearing to read "Chris Eustice".

Chris Eustice
Environmental Geologist

xc: OCD Artesia Office

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



February 13, 1995 *CE*
~~September 28, 1994~~

CERTIFIED MAIL
RETURN RECEIPT NO.P-176-012-111

Mr. John A. Miller, Remediation Manager
Dowell Schlumberger Inc.
P.O. Box 2727
Houston, Texas 77252-2727

**RE: AUTHORIZATION TO DISPOSE CONCRETE AND PVC PIPE
EDDY COUNTY, NEW MEXICO**

Dear Mr. Miller:

The New Mexico Oil Conservation Division (OCD) has received Dowell Schlumberger, Incorporated's (Dowell) January 26, 1995 request to dispose of concrete blocks and PVC pipe generated from the approved closure of the former acid plant in Artesia, New Mexico.

Based on the information provided in the above referenced document your request is hereby approved.

This approval does not relieve Dowell of liability should your operation result in actual pollution of the ground water, surface water or the environment actionable under other laws and/or regulations. In addition, OCD approval does not relive you of responsibility for compliance with other federal, state or local laws and/or regulations.

Sincerely,

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

Chris E. Eustice
Environmental Geologist

xc: 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



MEMORANDUM OF MEETING OR CONVERSATION

<input checked="" type="checkbox"/> Telephone	<input type="checkbox"/> Personal	Time 4:10 pm	Date 2-3-95
---	-----------------------------------	-----------------	----------------

<u>Originating Party</u> CHRIS EUSTICE	<u>Other Parties</u> JOHN MILLER - D/S (HOUSTON)
---	---

SUBJECT
DOWELL SCHLUMBERGER - ARTESIA FACILITY (GW-114)
CLOSURE REPORT FOR THE ACID PLANT (FORMER) AT THE ARTESIA FACILITY

Discussion

John Miller wants verbal approval to backfill the excavation site at the facility, for safety purposes. I've yet to complete the review of the report submitted to me today. I feel more investigation is needed after a cursory review, but not sure.

Conclusions or Agreements

Based upon a cursory review - I instructed him he could backfill the excavation w/ the condition he use clean fill and mound it to inhibit pooling & ponding. In addition the OED may require further work after a thorough review. John says fine.

Signature

Signed
Chris Eustice

Oilfield Services Shared Resources

John A. Miller
Remediation Manager

RECEIVED

FEB 03 1995

OIL CONSERVATION DIV.
SANTA FE

January 31, 1995

Via FEDEX

Mr. Chris Eustice
Energy, Minerals and Natural Resources Dept.
Oil Conservation Division
2040 South Pacheco
Santa Fe, New Mexico 87505

Re: Work Plan for Soil Contamination Delineation and Installation of
Soil Vapor Extraction Systems, Artesia, New Mexico

Dear Mr. Eustice:

Enclosed for your review is the subject report. A copy is also being forwarded
to the OCD Hobbs Office.

If you have any questions or desire additional information, please call me at
713-275-8498.

Sincerely,



John A. Miller

JAM:lb

cc: Susan Fields, Western Water Consultants

Wayne Price, Oil Conservation Division
1000 West Broadway
Hobbs, New Mexico 88240

John A. Miller
Remediation Manager

95 JAN 25 AM 8 52

January 19, 1995

Certified Mail # P 567 248 272

Mr. Chris E. Eustice
Environmental Geologist
P. O. Box 2088
Santa Fe, NM 87504

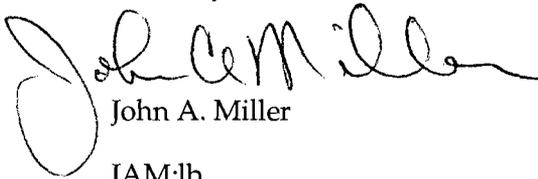
Re: Request for Disposal Authorization of Concrete and PVC Pipe at the Artesia Landfill
near Artesia, New Mexico

Dear Mr. Eustice:

In a September 28, 1994 letter to Dowell Schlumberger Incorporated, New Mexico Oil Conservation Division (NMOCD) approved the closure plan for a former acid plant in Artesia, New Mexico. One of the conditions of approval requested that the material removed from the concrete and PVC drain lines be tested for hazardous characteristics and the results submitted to NMOCD for approval prior to disposal. Enclosed are the laboratory results for a composite sample collected from the waste material adhered to the concrete, sumps, and drain lines.

As seen in the laboratory results, all analytes are below TCLP limits such that the debris is non hazardous. Dowell Schlumberger Incorporated is requesting approval from the NMOCD to dispose of the concrete and PVC pipe at the Artesia Landfill. If you have any questions, please contact me at 713-275-8498. A rapid response to this request would be greatly appreciated.

Sincerely,



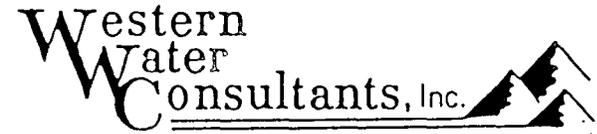
John A. Miller

JAM;lb

Enclosure

cc: WWC

CHAIN OF CUSTODY RECORD
AND SAMPLING SHIPPING PAPERS



PROJECT NO. PROJECT NAME						NO. OF CONTAINERS	CONTAINER TYPE						REMARKS
90-125L.5							4oz.	8oz.					
SAMPLERS: (signature)													
SAMPLE I.D.	DATE	TIME	COMR.	GRAB	SAMPLE TYPE								
90125-Revet. 11/94	11-13-94	0745	X		Soil	2	1	1				Analyze all samples for TCLP volatile compounds and metals; TPH by method 8015 modified (Gasoline); and pH.	
90125-SEXCAV. 11/94	11-13-94	0830	X		Soil	2	1	1					
90125-SKPL. 11/94	11-13-94	0710	X		Soil	2	1	1					
90125-Wast. 11/94	11-13-94	0900	X		Soil	2	1	1					
90125-NEXCAV. 11/94	11-13-94	0830	X		Soil	2	1	1					
Relinquished by: (signature)			Date / Time		Received by: (signature)		Relinquished by: (signature)			Date / Time		Received by: (signature)	
Jan Bell			11/14/94 - 15:00		[Signature]								
Relinquished by: (signature)			Date / Time		Received by: (signature)		Relinquished by: (signature)			Date / Time		Received for Laboratory by: (signature)	
										11-15-94 1105		[Signature]	

DISTRIBUTION : White - ORIG. RETURN TO WWC

REMARKS: Samples kept on ice, shipped with ice.

COMPANY NAME: Western Water Consultants

CENREF PROJECT NUMBER: PR941864
CENREF SAMPLE NUMBER: 8058
SAMPLE IDENTIFICATION: #90125-Wast.11/94
DATE SAMPLED: 11/13/94
DATE/TIME ANALYZED: 11/20/94 @ 1010

*Debris
Material*

METHOD Mod. 8015

ANALYSIS

	<u>SDL</u> (mg/kg)	<u>RESULT</u> (mg/kg)
Total Extractable Hydrocarbons	200	6100

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: Sample run at 1:20 dilution.

COMPANY NAME: Western Water Consultants

CENREF PROJECT NUMBER: PR941864
CENREF SAMPLE NUMBER: 8058
SAMPLE IDENTIFICATION: #90125-Wast.11/94
DATE SAMPLED: 11/13/94
DATE EXTRACTED: 11/17/94
DATE/TIME ANALYZED: 11/18/94 @ 1659

*Debris
Material*

**ZHE EXTRACTION
METHOD EPA 8240**

<u>ANALYSIS</u>	<u>CAS NO.</u>	<u>SDL</u> (ug/L)	<u>RESULT</u> (ug/L)
Benzene	71-43-2	50	BDL
Carbon Tetrachloride	56-23-5	50	BDL
Chlorobenzene	108-90-7	50	BDL
Chloroform	67-66-3	50	BDL
1,2-Dichloroethane	107-06-2	50	BDL
1,1-Dichloroethene	75-35-4	50	BDL
2-Butanone	78-93-3	1000	BDL
Tetrachloroethene	127-18-4	50	BDL
Trichloroethene	79-01-6	50	BDL
Vinyl Chloride	75-01-4	100	BDL

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: _____

COMPANY NAME: Western Water Consultants

CENREF PROJECT NUMBER: PR941864
CENREF SAMPLE NUMBER: 8058
SAMPLE IDENTIFICATION: #90125-Wast.11/94
DATE SAMPLED: 11/13/94

*Debris
Material*

<u>ANALYSIS</u>	<u>DATE/TIME EXTRACTED</u>	<u>DATE/TIME ANALYZED</u>	<u>METHOD</u>	<u>UNITS</u>	<u>SDL</u>	<u>RESULT</u>
TCLP extraction			1311			
Arsenic-TCLP	11-23/0744	12-01/1915	6010	mg/L	0.1	BDL
Barium-TCLP	11-23/0744	12-01/1238	6010	mg/L	10.0	BDL
Cadmium-TCLP	11-23/0744	12-01/1915	6010	mg/L	0.1	BDL
Chromium-TCLP	11-23/0744	12-01/1238	6010	mg/L	0.5	BDL
Lead-TCLP	11-23/0744	12-01/1238	6010	mg/L	0.5	BDL
Mercury-TCLP	11-28/1203	11-23/1824	7470	mg/L	0.0005	BDL
Selenium-TCLP	11-23/0744	12-01/1238	6010	mg/L	0.1	BDL
Silver-TCLP	11-23/0744	12-01/1915	6010	mg/L	0.5	BDL
pH		11-15/1614	9045	pH	—	7.86

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: _____

TOTAL EXTRACTABLE HYDROCARBONS

LAB CONTROL SAMPLE / LAB CONTROL SAMPLE DUPLICATE

CENREF PROJECT I.D.: PR941864

CENREF LCS/LCSD I.D.: DSS941118/DSD941118

ASSOCIATED CENREF SAMPLE I.D.: _____

DATE ANALYZED: 11/19/94

LOW SOIL

UNITS: mg/Kg

COMPOUND	CONC. ADDED	SAMP CONC	LCS CONC	% REC	LCSD CONC	% REC	RPD	QC LIMITS	
								RPD	% REC
DIESEL #2	100	0	87.0	87.0	93.3	93.3	6.8	25	75-125

COMMENTS: _____

VOLATILE ORGANICS - GC/MS

LAB CONTROL SAMPLE / LAB CONTROL SAMPLE DUPLICATE

CENREF PROJECT I.D.: PR941864

CENREF LCS/LCSD I.D.: ZSB9411071/ZDB9411071

ASSOCIATED CENREF SAMPLE I.D.: _____

DATE ANALYZED: 11/7/94

WATER

UNITS: $\mu\text{g/L}$

COMPOUND	CONC. ADDED	SAMP CONC	LCS CONC	% REC	LCSD CONC	% REC	RPD	QC LIMITS	
								RPD	% REC
1,1-DICHLOROETHENE	500	0	494	99	490	98	1	14	61-145
TRICHLOROETHENE	500	0	541	108	575	115	6	14	71-120
CHLOROBENZENE	500	0	558	112	611	122	9	13	75-130
TOLUENE	500	0	610	122	618	124	2	13	76-125
BENZENE	500	0	524	105	534	107	2	11	76-127

COMMENTS: _____

VOLATILE ORGANICS - GC/MS - 8260
WATER SURROGATE RECOVERY

CENREF PROJECT I.D.: PR941864

CLIENT: Western Water

SAMPLE	VOLATILE		
	DIBROMOFLUORO- METHANE	TOLUENE- D8	4-BROMOFLUORO- BENZENE
QC LIMITS	86-118	88-110	86-115
ZBB9411041	108	94	102
ZSB9411071	113	93	113
ZDB9411071	107	89	106
7495MS	116	100	115
7495MD	114	115*	106
ZBA9411171	100	91	90
VBA9411211	114	108	102
8055	104	99	95
8056	115	109	107
8057	105	101	102
8058	96	91	94
8059	103	103	97
VBB9411071	91	88	99

* = VALUES OUTSIDE OF QC LIMITS

COMMENTS: _____

Oilfield Services Shared Resources

John A. Miller
Remediation Manager

December 21, 1994

VIA 2-DAY FEDEX

Mr. Chris E. Eustice
Environmental Geologist
New Mexico Oil Conservation Division
Santa Fe, NM 87504

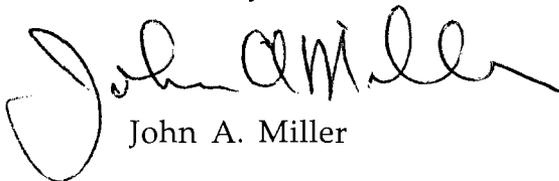
Re: Final Closure Report for the Closure of a Former Acid Plant at the
Dowell Schlumberger Facility in Artesia, New Mexico

Dear Mr. Eustice:

Dowell Schlumberger Incorporated is requesting an extension to the deadline for submittal of the Final Closure Report for the former acid plant in Artesia, New Mexico. Due to the length of time in receiving laboratory results and the forthcoming holidays, an extension is being requested until January 31, 1995. Please call me at 713-275-8498 if you have questions.

Thank you.

Sincerely,



John A. Miller

JAM:lb

cc: WWC - Laramie

Verbal granted
12/28/94 @ 1100 AM
CE



State of New Mexico
ENVIRONMENT DEPARTMENT
 Underground Storage Tank Bureau

Harold Runnels Building
 1190 St. Francis Drive, P.O. Box 26110
 Santa Fe, New Mexico 87502
 (505) 827-0188
 (505) 827-0310 Fax

MARK E. WEIDLER
 SECRETARY

GARY E. JOHNSON
 GOVERNOR
 October 30, 1995

NMED,

Mr. John Miller, Environmental Coordinator
 Dowell Schlumberger, Inc.
 P. O. Box 4378
 Houston, TX 77210

USTB

Correspondence
 9-24-96 *DMB*

RE: FIXED PRICE WORKPLAN APPROVAL FOR COMPLETION OF PHASE V AT THE
 DOWELL SCHLUMBERGER FACILITY IN ARTESIA, NEW MEXICO

FACILITY #: 563001
 PROJECT #: 34392107

Dear Mr. Miller:

The New Mexico Environment Department approves the fixed price workplan and cost schedule submitted by Western Water Consultants, Inc. (WWCI) for the above-referenced site dated October 27, 1995 for Phase V Operations, Maintenance and Monitoring for the periods between November 1995 and October 1996.

The total amount approved is \$42,399.00 including New Mexico Gross Receipts Tax. Please refer to the following table for a breakdown of the approved costs by task and expected date of completion:

<u>PHASE</u>	<u>TASK</u>	<u>DESCRIPTION OF WORK</u>	<u>END DATE</u>	<u>\$ APPROVED</u>
V	1	Operation/Maintenance	01/31/96	\$2,073.75
V	1	" "	04/30/96	\$2,073.75
V	1	" "	07/31/96	\$2,073.75
V	1	" "	10/31/96	\$2,073.75
V	2	Monitoring	01/31/96	\$8,526.00
V	2	"	04/30/96	\$8,526.00
V	2	"	07/31/96	\$8,526.00
V	2	"	10/31/96	\$8,526.00

The Department will notify you when it has encumbered the amount approved for work to be performed each fiscal year.

The Department will reimburse for work in accordance with the Corrective Action Fund Regulations. Substantial compliance is required for reimbursement and will be determined on a site-by-site basis prior to disbursement from the Fund. Please submit a request for a compliance determination, if you have not already

John Miller
October 30, 1995
Page 2

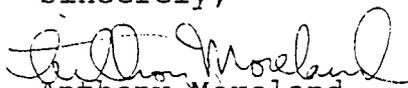
done so, to the UST Reimbursement Program, Underground Storage Tank Bureau, P.O. Box 26110, Santa Fe, N.M. 87502. Your request should be submitted before filing a claim for the work approved in this workplan.

You may begin work immediately. Approval of this workplan is contingent upon all work being performed on this site in accordance with all local, state, and federal regulations, including 29 CFR 1910 governing occupational health and safety.

The Department expects WWCI to complete the work as outlined within the approved budget. In order for any additional work to be eligible for reimbursement from the Corrective Action Fund, all change orders must be preapproved in writing prior to the work being performed.

If you have any other questions, please contact me at (505) 827-0158 or Reimbursement Manager Gale Hill at (505) 827-0185. Thank you for your continued voluntary cooperation.

Sincerely,



Anthony Moreland
Project Manager
Underground Storage Tank Bureau

cc: Lisa Jarvis P.G., Western Water Consultants, Inc., 611 Skyline Rd., P. O. Box 4128, Laramie, WY 82071
Mark Weidler, NMED Secretary
Gale Hill, USTB Reimbursement Program
NMED District IV Office
NMED Hobbs Field Office
Read file



GARY E. JOHNSON
GOVERNOR

State of New Mexico
ENVIRONMENT DEPARTMENT
Underground Storage Tank Bureau

Harold Runnels Building
1190 St. Francis Drive, P.O. Box 26110
Santa Fe, New Mexico 87502
(505) 827-0188
(505) 827-0310 Fax

MARK E. WEIDLER
SECRETARY

EDGAR T. THORNTON, III
DEPUTY SECRETARY

CERTIFIED MAIL--RETURN RECEIPT REQUESTED

October 4, 1995

Mr. John Miller, Environmental Coordinator
Dowell Schlumberger, Inc.
P. O. Box 4378
Houston, TX 77210

**RE: FUTURE WORKPLANS AND COSTS AT THE DOWELL-SCHLUMBERGER FACILITY
IN ARTESIA, NEW MEXICO**

Dear Mr. Miller:

The New Mexico State Legislature has adopted regulations which require competitive bidding for investigations and corrective actions at leaking underground storage tank sites in New Mexico. This regulation becomes effective October 31, 1995. The above-referenced site is in Phase V-Operation/Maintenance and Monitoring. The current workplan for Phase V activities expires October 31, 1995. At that time a new workplan for Phase V activities will need to be submitted for approval. Dowell-Schlumberger Inc. will be required to obtain at least three bids from environmental firms working in New Mexico. These bids will then be submitted to the Department for review, approval, and selection. You may chose to include your current consultant as one of the bids at your own discretion.

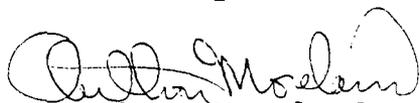
Additionally, the State Legislature adopted regulations requiring that all environmental professionals working on UST sites in New Mexico be certified in the State of New Mexico. Development of certification tests and implementation policies are ongoing at this time. It is expected that the first round of testing will commence in December 1995. To ensure that the corrective actions at the above-referenced site proceed in a timely fashion, and that reimbursement for all costs are approved, it is recommended that

John Miller
October 4, 1995
Page 2

you require proof of certification from all firms where bids are requested.

If you have any questions regarding the above matters I can be reached at (505) 827-0158.

Sincerely,



Anthony Moreland
Geologist
Underground Storage Tank Bureau

Encl.

cc: NMED District IV Office
Western Water Consultants, Inc., P. O. Box 4128, Laramie, WY
82071
Read file



GARY E. JOHNSON
GOVERNOR

State of New Mexico
ENVIRONMENT DEPARTMENT

Underground Storage Tank Bureau

*Harold Runnels Building
1190 St. Francis Drive, P.O. Box 26110
Santa Fe, New Mexico 87502
(505) 827-0188
(505) 827-0310 Fax*

MARK E. WEIDLER
SECRETARY

EDGAR T. THORNTON, III
DEPUTY SECRETARY

CERTIFIED MAIL--RETURN RECEIPT REQUESTED

July 11, 1995

Mr. John A. Miller, Environmental Coordinator
Dowell Schlumberger Incorporated
P. O. Box 4378
Houston, TX 77210

**RE: STATUS OF REIMBURSEMENTS FOR THE DOWELL-SCHLUMBERGER FACILITY
IN ARTESIA, NM**

Dear Mr. Miller:

The New Mexico Environment Department has adopted the enclosed interim policy on reimbursements from the State Corrective Action Fund. Please read the document carefully to understand the Department's position on this matter.

Additionally, for your information, the Dowell-Schlumberger facility is currently a third priority site. If you have any questions you may contact me at (505) 827-0158.

Sincerely,

Anthony Moreland
Geologist
Underground Storage Tank Bureau

Encl.

cc: NMED District IV Office
Gale Hill, Manager, Reimbursement Program
Robin Daly, Western Water Consultants, Inc.,
P.O. Box 4128, Laramie, WY 82071



GARY E. JOHNSON
GOVERNOR

State of New Mexico
ENVIRONMENT DEPARTMENT
Underground Storage Tank Bureau

Harold Runnels Building
1190 St. Francis Drive, P.O. Box 26110
Santa Fe, New Mexico 87502
(505) 827-0188
(505) 827-0310 Fax

MARK E. WEIDLER
SECRETARY

EDGAR T. THORNTON, III
DEPUTY SECRETARY

MEMORANDUM

To: Reimbursement Program, UST Bureau

From: Anthony Moreland, Project Manager 

Date: May 12, 1995

Subject: Workplan Approvals Associated With Claims for the Dowell-Schlumberger Site in Artesia, New Mexico

On September 10, 1993 a workplan was approved to proceed with Phase IV activities. The costs associated with that workplan were to be modified by submittal of an addendum workplan. That addendum was submitted and approved on February 2, 1994 in the amount of \$76,897.50. All costs associated for Phase IV activities under those two workplans are eligible for reimbursement from the date of the first approved workplan.

An error was made in the Departments letter dated September 10, 1993. Phase V costs were indicated on that letter instead of the Phase IV costs. Under paragraph 3, the letter should have read "The workplan activities and costs are approved pending submittal of revised cost detail forms indicating a cost adjustment of air fares and mileage...."

The Phase V workplan was submitted on July 20, 1993. Due to an oversight by the Department, the workplan did not get an approval letter until December 12, 1994, though verbal approvals were made prior to that date. The workplan costs were approved in the amount of \$63,226.50 minus the costs associated with air fares and mileage for a total of \$56,826.50.

It should be noted that these addendums refer back to the original workplan approved on September 10, 1993 for Phase IV and the verbal approval of the workplan submitted on July 20, 1993 for Phase V, and that all claims submitted under the addendum workplans cover work completed after the dates of the original approvals.



GARY E. JOHNSON
GOVERNOR

State of New Mexico
ENVIRONMENT DEPARTMENT

Underground Storage Tank Bureau

*Harold Runnels Building
1190 St. Francis Drive, P.O. Box 26110
Santa Fe, New Mexico 87502
(505) 827-0188
(505) 827-0310 Fax*

MARK E. WEIDLER
SECRETARY

EDGAR T. THORNTON, III
DEPUTY SECRETARY

May 12, 1995

Mr. John A. Miller, Environmental Coordinator
Dowell Schlumberger Incorporated
P. O. Box 4378
Houston, TX 77210

RE: NMED LETTER DATED DECEMBER 12, 1994 APPROVING THE WORKPLAN FOR PHASE V ACTIVITIES AND NMED LETTERS DATED SEPTEMBER 10, 1993 AND FEBRUARY 2, 1994 APPROVING THE WORKPLAN FOR PHASE IV ACTIVITIES AT THE DOWELL-SCHLUMBERGER FACILITY IN ARTESIA, NM

Dear Mr. Miller:

Regarding the above-reference, the New Mexico Environment Department is issuing this letter in order to clear up some confusion regarding the approval of these workplans. The Phase V workplan was received by the Department on July 20, 1993. However, due to an oversight, the workplan wasn't approved until December 12, 1994. At that time, the workplan was to be approved in the amount of \$56,826.50 instead of the \$63,226.50. This cost difference was made because the costs associated with air fares and mileage rates were amended by the Department's Project Manager for this site.

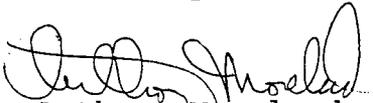
The Department's December 12, 1994 letter indicated that the workplan was approved for \$63,226.50 less those costs for air fares and mileage, however the letter did not specifically state the amended amount approved.

The workplan for Phase IV activities was approved on September 10, 1993 with a stipulation that the costs associated with air fares and mileage be modified and re-submitted. That cost adjustment was resubmitted and approved on February 2, 1994. Therefore, all costs associated with Phase IV and V activities under the described workplans were approved for reimbursement purposes within the timeframes indicated on the claims submitted by Dowell-Schlumberger.

John Miller
May 12, 1995
Page 2

The Department appreciates your continued cooperation and patience in this matter. If you have any questions please contact me at (505) 827-0158.

Sincerely,



Anthony Moreland
Geologist
Underground Storage Tank Bureau

cc: NMED District IV Office
Marilyn Martinez, Acting Manager, Reimbursement Program
Lisa Jarvis, Western Water Consultants, Inc.,
P.O. Box 4128, Laramie, WY 82071

December 28, 1994

Mr. John A. Miller, Environmental Coordinator
Dowell Schlumberger Incorporated
P. O. Box 4378
Houston, TX 77210



STATE OF NEW MEXICO
ENVIRONMENT DEPARTMENT

RE: COMMENTS ON THE THIRD QUARTERLY REPORT IN 1994 FOR THE
DOWELL-SCHLUMBERGER FACILITY IN ARTESIA, NEW MEXICO

Dear Mr. Miller:

I have reviewed the above-referenced quarterly report conducted by Western Water Consultants, Inc. According to the report, the remediation of the gasoline contamination is progressing. I generally agree with the findings of the report. At this time, I do not believe any system or cleanup modifications are necessary.

The New Mexico Environment Department appreciates your continued efforts and cooperation in this matter. If you have any questions please contact me at (505) 827-0158.

Sincerely,

Anthony Moreland
Geologist
Underground Storage Tank Bureau

Bruce King
Governor

Judith M. Espinosa
Secretary

Ron Curry
Deputy Secretary

cc: NMED District IV Office
Lisa L. Jarvis, P.G., Western Water Consultants, Inc.,
P.O. Box 4128, Laramie, WY 82071

.....
Harold Runnels Building
1190 St. Francis Drive
P.O. Box 26110
Santa Fe, NM 87502
(505) 827-2850
FAX (505) 827-2836



December 19, 1994

Mr. John A. Miller
Dowell Schlumberger Inc.
P. O. Box 4378
Houston, TX 77210-4378

RE: WORKPLAN APPROVAL FOR FOUR QUARTERS OF OPERATION AND
MAINTENANCE (NOV 1, 1994 THROUGH OCTOBER 31, 1995) AT THE
DOWELL SCHLUMBERGER FACILITY IN ARTESIA, NEW MEXICO

Dear Mr. Miller:

The New Mexico Environment Department (NMED) has approved the workplan and cost detail forms in the amount of \$54,616.00 for the above-referenced activity from your consultant, Western Water Consultants, Inc. (WWCI).

Approval of this workplan is contingent on all work being performed on this site in accordance with all applicable state, federal and local regulations, including 29 CFR 1910 governing occupational health and safety.

Reimbursement is also dependent on the availability of sufficient funds in the Corrective Action Fund to cover your claim. At the current time there are sufficient funds available to pay your claims.

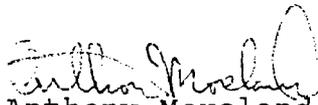
Please notify the Department if unforeseen field conditions will delay or modify the workplan or budget submitted for this phase of the project. In addition, please have your consultant contact me at least one week prior to the quarterly sampling events so that I may have an opportunity to be on site.

If you have any questions, you may contact me at (505) 827-0158.

Bruce King
Governor

Sincerely,

Judith M. Espinosa
Secretary


Anthony Moreland
Geologist

Underground Storage Tank Bureau

Ron Curry
Deputy Secretary

cc: NMED District IV Office, Roswell
Lisa Jarvis, P.G., Western Water Consultants, Inc., P. O.
Box 4128, Laramie, WY 82071
Kathy Garland, Manager, Reimbursement Program

Harold Runnels Building
1190 St. Francis Drive
P.O. Box 26110
Santa Fe, NM 87502
(505) 827-2850
FAX (505) 827-2836



1st claim - 4/10.52 - 1st date
2nd claim - 16,317.11 - 2nd date
3rd claim - 2,137.00 - 3rd date

December 12, 1994

Mr. John A. Miller
Dowell Schlumberger Inc.
P. O. Box 4378
Houston, TX 77210-4378

RE: WORKPLAN DISAPPROVAL FOR ADDITIONAL INVESTIGATIONS AT THE
DOWELL SCHLUMBERGER FACILITY IN ARTESIA, NEW MEXICO

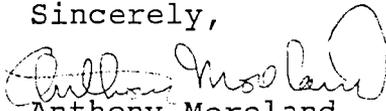
Dear Mr. Miller:

The New Mexico Environment Department (NMED) Underground Storage Tank Bureau has reviewed and disapproved for reimbursement purposes, the workplan dated November 28, 1994 for the above-referenced activity from your consultant, Western Water Consultants, Inc. (WWCI).

This workplan is disapproved because the current remediation system is efficiently cleaning up the petroleum hydrocarbon contamination and associated ground water monitoring wells are sufficient for monitoring the progress of cleanup. The proposed activities are required by the Departments' Ground Water Protection and Remediation Bureau and should be completed pursuant to their regulatory authority.

If you have any questions, you may contact me at (505) 827-0158.

Sincerely,



Anthony Moreland
Geologist
Underground Storage Tank Bureau

Bruce King
Governor

Judith M. Espinosa
Secretary

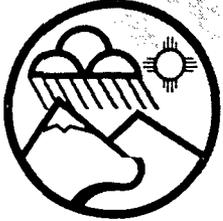
Ron Curry
Deputy Secretary

cc: Lisa L. Jarvis, P.G., Western Water Consultants, Inc., P.
O. Box 4128, Laramie, WY 82071
Kathleen A. Garland, Manager, Reimbursement Program
Baird Swanson, Geologist, NMED District I Office
NMED District IV Office, Roswell

.....

Harold Runnels Building
1190 St. Francis Drive
P.O. Box 26110
Santa Fe, NM 87502
(505) 827-2850
FAX (505) 827-2836





STATE OF NEW MEXICO
ENVIRONMENT DEPARTMENT

CERTIFIED MAIL--RETURN RECEIPT REQUESTED

October 25, 1994

Mr. John A. Miller, Environmental Coordinator
Dowell Schlumberger Incorporated
P. O. Box 4378
Houston, TX 77210

RE: COMMENTS ON QUARTERLY REPORT AND TELEPHONE CONVERSATION ON
10/24/94 REGARDING THE DOWELL-SCHLUMBERGER FACILITY IN
ARTESIA, NEW MEXICO

Dear Mr. Miller:

Thank you for your call updating me on the status of the site. I have reviewed the last quarterly report submitted by Western Water Consultants, Inc. According to the report, it appears that the remediation of the gasoline contamination is progressing. This is promising.

Bruce King
Governor

Judith M. Espinosa
Secretary

Ron Curry
Deputy Secretary

My understanding from our conversation yesterday is that the Department's Groundwater Protection and Remediation Bureau has required additional investigations and possible expansion of the current remediation system to address the solvent plume at this site. Please be advised that any investigation work and expansion of the current remediation system to address the solvents will not be reimbursed by the Corrective Action Fund. However, the UST Regulations do require quarterly monitoring and maintenance of the current system, and this is reimbursable.

You should also know that a workplan and cost detail form for continued quarterly monitoring from October 1994 through September 1995 must be pre-approved to be reimbursable. I have

.....
Harold Runnels Building
1190 St. Francis Drive
P.O. Box 26110
Santa Fe, NM 87502
(505) 827-2850
FAX (505) 827-2836

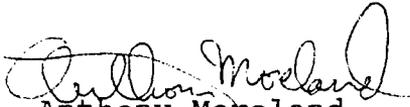


Mr. John Miller
October 25, 1994
Page 2

not seen a workplan to date. Please submit this workplan and costs as soon as possible.

The Department appreciates your continued cooperation in this matter. If you have any questions please contact me at (505) 827-2999.

Sincerely,



Anthony Moreland
Geologist
Underground Storage Tank Bureau

cc: NMED District IV Office
Kathleen A. Garland, Manager, Reimbursement Program
Robin Daly, Western Water Consultants, Inc.,
P.O. Box 4128, Laramie, WY 82071

October 7, 1994

Mr. John A. Miller, Remediation Manager
Dowell Schlumberger, Inc.
P.O. Box 4378
Houston, Texas 77210



STATE OF NEW MEXICO
ENVIRONMENT DEPARTMENT

Dear Mr. Miller:

The New Mexico Environment Department has received your request for a compliance determination at Dowell Schlumberger, Inc., 500 East Richey Avenue, Artesia, New Mexico. Pursuant to the Corrective Action Fund Payment and Reimbursement Regulations Section 202.C, the Director of the Environmental Protection Division must make a compliance determination before the Department can reimburse any costs of corrective action you may incur at this site. The Director has delegated this duty to the Chief of the Underground Storage Tank Bureau in cases such as yours where tanks were removed before March 7, 1990 and never replaced.

It has been determined that 1) you have paid the \$200 fee required by Sections 74-4-4.4 and 74-6B-9 NMSA 1978 for sites where tanks were removed prior to March 7, 1990 and not replaced; 2) you have conducted a Minimum Site Assessment in accordance with regulations; and 3) you have cooperated in good faith with the Department.

The Department is now processing any claims you have submitted.

If you have any questions, please call Kathleen Garland with the Underground Storage Tank Bureau's Reimbursement Program at 827-0185.

Bruce King
Governor

Sincerely,

Judith M. Espinosa
Secretary

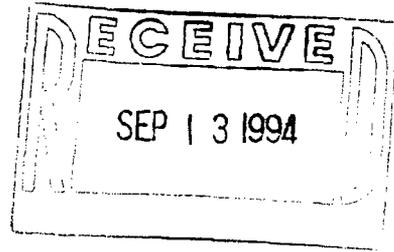
Ron Curry
Deputy Secretary

James P. Bearzi
Chief
Underground Storage Tank Bureau

.....
Harold Runnels Building
1190 St. Francis Drive
P.O. Box 26110
Santa Fe, NM 87502
(505) 827-2850
FAX (505) 827-2836

cc: David Coss, Director, Environmental Protection Division
Kathleen A. Garland, Manager, Reimbursement Program
Tony Moreland, Project Manager
Lisa Jarvis, Western Water Consultants, 611 Skyline
Rd., Laramie, WY 82070

DRUG FREE



September 8, 1994



STATE OF NEW MEXICO
ENVIRONMENT DEPARTMENT

**CERTIFIED MAIL
RETURN RECEIPT REQUESTED**

John A. Miller
Environmental Remediation Manager
Dowell Schlumberger Incorporated
P.O. Box 4378
Houston, Texas 77210-4378

**RE: NOTIFICATION OF REGULATED DISCHARGE, DOWELL
SCHLUMBERGER INCORPORATED FACILITY, ARTESIA, NEW
MEXICO.**

Dear Mr. Miller:

The Remediation Section of the Ground Water Protection and Remediation Bureau (GWPRB) of the New Mexico Environment Department (NMED) has completed its review of ground water monitoring data supplied to us through your office as part of the ongoing UST Bureau site investigation and remediation. The GWPRB understands that a UST removal action and soil and ground water investigations have led to a soil vapor extraction system (SVES) recently being installed at the Dowell Schlumberger (DS) facility to address the remediation of petroleum hydrocarbon contaminants (BTEX) associated with the former USTs. While the SVES will address BTEX contamination in the on-site soils and ground water, the GWPRB is very concerned about the off-site, down-gradient monitor wells which continue to show chlorinated solvents at concentrations significantly above New Mexico Water Quality Control Commission (WQCC) regulation standards. This letter shall serve as Notification of Discharge applicable under WQCC regulation 1-203.

Bruce King
Governor

Judith M. Espinosa
Secretary

Ron Curry
Deputy Secretary

.....
Harold Runnels Building
1190 St. Francis Drive
P.O. Box 26110
Santa Fe, NM 87502
(505) 827-2850
FAX (505) 827-2836



Mr. John A. Miller

Page -2-

September 8, 1994

Recent ground water monitoring data indicates that, while the SVES appears to be having a positive affect on remediation of on-site BTEX contamination, it is not affecting chlorinated solvent contamination in ground water down-gradient and off-site of the facility. WQCC regulation 1-203.A.6 requires that DS submit to GWPRB a preliminary Corrective Action Plan. An approvable plan will include, at a minimum, a proposal to investigate, monitor and remediate the chlorinated solvent plume emanating from the DS facility.

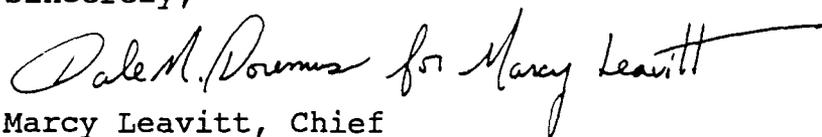
DS must submit a corrective action plan to GWPRB within 45 days of receipt of this letter which addresses the following:

- 1) A plan to: a) define the horizontal and vertical extent and magnitude of chlorinated solvent ground water contamination, b) quarterly monitor contamination identified by the investigation and c) design and implement ground water remediation both on and off-site.
- 2) Water supply well inventory down-gradient from the site within a 2-mile radius.
- 3) Proposed schedule of implementation of above items.

Monitoring and reporting on a quarterly basis may be combined with on-going UST submittals to avoid duplication of effort in the future.

Please notify NMED at least five working days prior to any planned field activities so that we may be present to observe and obtain split samples. Should you have any questions regarding this letter, please contact Mr. Jeff Walker of my staff at (505) 841-9466. Your continued voluntary cooperation in this matter is greatly appreciated.

Sincerely,



Marcy Leavitt, Chief
Ground Water Protection and Remediation Bureau

ML/JW/jw

cc: Garrison McCaslin, NMED District IV Manager
Dennis McQuillan, Remediation Section Manager
Coby Muckelroy, HRMB
Tony Moreland, USTB
Ronald M. Eddy

February 2, 1994

Mr. John A. Miller
Dowell Schlumberger Inc.
P. O. Box 4378
Houston, TX 77210-4378

**RE: WORKPLAN APPROVAL FOR REMEDIATION SYSTEM IMPLEMENTATION AT
THE DOWELL SCHLUMBERGER FACILITY IN ARTESIA, NEW MEXICO**

Dear Mr. Miller:

The New Mexico Environment Department approves the workplan and cost estimate of \$76,897.50 submitted by Western Water Consultants, Inc. dated 19 January 1994 for design and implementation of the reclamation system for the above-referenced facility. Approval of this workplan is contingent upon all work being performed on this site in accordance with all applicable state, federal, and local regulations, including 29 CFR 1910 governing occupational health and safety.

The Department would like to emphasize that approval of the initial workplan does not guarantee reimbursement for the work from the Corrective Action Fund. A compliance determination for Phases 1 through 5 will be made on a site by site basis prior to disbursement from the fund.

Please notify me if unforeseen field conditions will delay completion or modify the workplan or budget submitted for this project. I can be reached at (505) 827-0158.

Sincerely,



Anthony Moreland
Geologist
Underground Storage Tank Bureau

Bruce King
Governor

Judith M. Espinosa
Secretary

Ron Curry
Deputy Secretary

cc: NMED District IV Office, Roswell
Susan Fields, P.E., Western Water Consultants, Inc., P. O.
Box 4128, Laramie, WY 82071
Anna Richards, Manager, Remedial Action Program
Kathleen Garland, Manager, Reimbursement Program



STATE OF NEW MEXICO
ENVIRONMENT DEPARTMENT

October 26, 1993

Mr. John A. Miller
Dowell Schlumberger Inc.
P. O. Box 4378
Houston, TX 77210-4378

RE: WORKPLAN APPROVAL FOR REMEDIATION SYSTEM IMPLEMENTATION AT
THE DOWELL SCHLUMBERGER FACILITY IN ARTESIA, NEW MEXICO

Dear Mr. Miller:

The New Mexico Environment Department (NMED) has received the workplan and cost detail forms for the above-referenced activity from your consultant, Western Water Consultants, Inc. (WWCI). NMED Approves of the workplan with the following modifications:

1. Mileage rates will be reimbursed in accordance with the State's Mileage and Per Diem Rates of \$0.22/mile. Note: Mileage rates increase to \$0.25/mile as of July 1, 1993. Also note that if you are driving from out of state, mileage will be paid from the entry point in New Mexico to your destinations within the boundaries of New Mexico. For your convenience, I have computed this mileage to be 345 miles one-way, or 690 miles/trip. At \$0.25/mile this comes to \$172.50/trip.
 2. Out of State Air Fares are not a reimburseable item. The State will pay for mileage as specified in # 1, above.
 3. Per diem rates, mileage, and other expenses must be itemized correctly on the Cost Detail Form. Refer to the October 19, 1993 letter regarding the proper format to use.
 4. The workplan activities and costs are tentatively approved pending submittal of a modified Cost Detail Form. Please submit a modified Cost Detail Form before work begins which includes the actual mileage and per diem costs you will incur that are reimburseable.
- Approval of this workplan is contingent upon all work being performed on this site in accordance with all state, federal, and local regulations, including 29 CFR 1910 governing occupational health and safety.
5. The workplan did not include verification that public notice was given in accordance with the NMUST Regulations, Part XII, Section 1213. NMED reminds you that this requirement must be met before proceeding with system implementation, and that copies of the notice and any ads placed in local newspapers should be sent to the Department to my attention.



STATE OF NEW MEXICO
ENVIRONMENT DEPARTMENT

Bruce King
Governor

Judith M. Espinosa
Secretary

Ron Curry
Deputy Secretary

.....
Harold Runnels Building
1190 St. Francis Drive
P.O. Box 26110
Santa Fe, NM 87502
(505) 827-2850
FAX (505) 827-2836



Mr. John A. Miller
October 26, 1993
Page 2

Of additional concern is the characterization and remediation of the chlorinated volatile hydrocarbons, specifically PCE, TCE, 1,1,1-TCA, 1,1,2-TCA, 1,1-DCA, 1,2-DCA, 1,1-DCE, and Acetone. These compounds have been found in the dissolved phase in ground water in large enough concentrations to assume that free product must be present on the bottom of the aquifer. These DNAPL's (dense non-aqueous phase liquids) have not been characterized fully.

Additionally, the vertical thickness of the shallow aquifer has not been fully defined, nor has the possibility of hydraulic connection between the shallow aquifer and other deeper aquifers been determined. For this reason, I make the following suggestions as an approach to these questions:

Submit a workplan and estimated costs to:

- 1) Install nested piezometers at a location upgradient, yet in close proximity of the contaminant plume. An appropriate location might be west to northwest of the former fuel island. Placement of these wells should be such that each well terminates in a different aquifer in order to determine hydraulic potentials, and the presence of confining and unconfined lithologies. Drilling activities should include a method of continuous sampling to ensure accurate depiction of the subsurface lithology.
- 2) Determine the regional and local surface and subsurface dip in order to characterize the movement and location of the DNAPL plume.
- 3) Install at least two recovery wells in the vicinity of MW-3, and MW-11. Based on the analytical data presented to date, this is the theoretical location of the largest concentrations of dissolved phase chlorinated hydrocarbons. If new data suggests otherwise, then different locations can be planned. These recovery wells should be screened at the bottom of the aquifer to allow for free product removal.
- 4) Design and implement a system for free product removal of the DNAPL compounds present in the aquifer(s), and/or a remediation system to mitigate the chlorinated hydrocarbon contamination in the ground water.

If you have any questions, you may contact me at (505) 827-0158.

Sincerely,

Mr. John A. Miller
October 26, 1993
Page 3



Anthony Moreland
Geologist
Underground Storage Tank Bureau

cc: NMED District IV Office, Roswell
Susan Fields, P.E., Western Water Consultants, Inc., P. O.
Box 4128, Laramie, WY 82071

September 10, 1993

Mr. John A. Miller
Dowell Schlumberger Inc.
P. O. Box 4378
Houston, TX 77210-4378

RE: WORKPLAN APPROVAL FOR REMEDIATION SYSTEM IMPLEMENTATION AT
THE DOWELL SCHLUMBERGER FACILITY IN ARTESIA, NEW MEXICO

Dear Mr. Miller:

The New Mexico Environment Department (NMED) has received the workplan and cost detail forms for the above-referenced activity from your consultant, Western Water Consultants, Inc. (WWCI). NMED Approves of the workplan with the following modifications:

1. Mileage rates will be reimbursed in accordance with the State's Mileage and Per Diem Rates of \$0.25/mile. Note: Mileage rates increase to \$0.25/mile as of July 1, 1993. Also note that if you are driving from out of state, mileage will be paid from the entry point in New Mexico to your destinations within the boundaries of New Mexico.

2. Out of State Air Fares are not a reimburseable item. The State will pay for mileage as specified in # 1, above.

3. The workplan activities and costs in the amount of \$56826.50 excluding mileage is approved. Please submit a modified Cost Detail Form before work begins which includes the actual mileage costs you will incur that are reimburseable. Approval of this workplan is contingent upon all work being performed on this site in accordance with all state, federal, and local regulations, including 29 CFR 1910 governing occupational health and safety.

If you have any questions, you may contact me at (505) 827-0158.

Sincerely,


Anthony Moreland

Geologist
Underground Storage Tank Bureau

cc: NMED District IV Office, Roswell
Susan Fields, P.E., Western Water Consultants, Inc., P. O.
Box 4128, Laramie, WY 82071



STATE OF NEW MEXICO
ENVIRONMENT DEPARTMENT

Bruce King
Governor

Judith M. Espinosa
Secretary

Ron Curry
Deputy Secretary

.....
Harold Runnels Building
1190 St. Francis Drive
P.O. Box 26110
Santa Fe, NM 87502
(505) 827-2850
FAX (505) 827-2836



September 1, 1994

Mr. John A. Miller
Remediation Manager
Dowell Schlumberger, Inc.
P.O. Box 4378
Houston, Texas 77210

Dear Mr. Miller:

The New Mexico Environment Department has received your Claim for reimbursement for the costs of a Minimum Site Assessment at Dowell Schlumberger, 500 East Richey Avenue, Artesia, New Mexico. Pursuant to the Ground Water Protection Act Corrective Action Fund Regulations Section 201.A.2 a determination of whether or not the Minimum Site Assessment was performed in accordance with the New Mexico Underground Storage Tank Regulations (USTR) Section 1508 must be made by the Director of the Environmental Protection Division before reimbursement can be made. The Director has delegated this authority to the Chief of the Underground Storage Tank Bureau.

It has been determined that you have complied with and performed the requirements of USTR Section 1508 for the Minimum Site Assessment.

Reimbursement is also dependent on the availability of sufficient funds in the Corrective Action Fund to cover your claim. At the current time there are sufficient funds available to pay your claim.

If you have any questions please call Kathleen Garland with the Underground Storage Tank Bureau's Reimbursement Program at 827-0185.

Sincerely,



James P. Bearzi, Chief
Underground Storage Tank Bureau

KG:fr

cc: David Coss, Director
Environmental Protection Division
Kathleen Garland, Manager, Reimbursement Program
Tony Moreland, Project Manager
Lisa Jarvis, Western Water Consultants, 611 Skyline,
Rd., Laramie, WY 82070



STATE OF NEW MEXICO
ENVIRONMENT DEPARTMENT

Bruce King
Governor

Judith M. Espinosa
Secretary

Ron Curry
Deputy Secretary

.....
Harold Runnels Building
1190 St. Francis Drive
P.O. Box 26110
Santa Fe, NM 87502
(505) 827-2850
FAX (505) 827-2836

DRUG FREE

June 29, 1993

Mr. John A. Miller
Dowell Schlumberger Inc.
P. O. Box 4378
Houston, TX 77210-4378

RE: WORKPLAN APPROVAL FOR ADDITIONAL SAMPLING ROUND AT THE
DOWELL SCHLUMBERGER FACILITY IN ARTESIA, NEW MEXICO

Dear Mr. Miller:

The New Mexico Environment Department (NMED) has received the workplan and cost detail forms for the above-referenced activity from your consultant, Western Water Consultants, Inc. (WWCI). NMED Approves of the workplan with the following modifications:

1. Mileage rates will be reimbursed in accordance with the State's Mileage and Per Diem Rates of \$0.22/mile. Note: Mileage rates increase to \$0.25/mile as of July 1, 1993. Also note that if you are driving from out of state, mileage will be paid from the entry point in New Mexico to your destinations within the boundaries of New Mexico.
2. Per Diem rates will be reimbursed in accordance with the State's Mileage and Per Diem Rates of \$48.00/day. Note: Per Diem rates increase to \$65.00/day as of July 1, 1993.
3. Out of State Air Fares are not a reimburseable item. The State will pay for mileage at the above rates from the city you fly in to, i.e., Albuquerque, to your destination within the boundaries of New Mexico.

If you have any questions, you may contact me at (505) 827-0158.

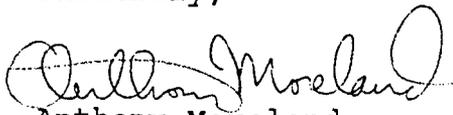
Bruce King
Governor

Judith M. Espinosa
Secretary

Ron Curry
Deputy Secretary

.....
Harold Runnels Building
1190 St. Francis Drive
P.O. Box 26110
Santa Fe, NM 87502
(505) 827-2850
(505) 827-2836

Sincerely,



Anthony Moreland
Geologist
Underground Storage Tank Bureau

cc: NMED District IV Office, Roswell
Susan Fields, P.E., Western Water Consultants, Inc., P. O.
Box 4128, Laramie, WY 82071



STATE OF NEW MEXICO
ENVIRONMENT DEPARTMENT

DRUG FREE

CERTIFIED MAIL--RETURN RECEIPT REQUESTED

May 27, 1993

Mr. John A. Miller, Environmental Coordinator
Dowell Schlumberger Incorporated
P. O. Box 4378
Houston, TX 77210

RE: RECLAMATION PROPOSAL SUBMITTED ON APRIL 6, 1993 FOR THE
DOWELL SCHLUMBERGER FACILITY, 500 EAST RICHEY STREET,
ARTESIA, NEW MEXICO

Dear Mr. Miller:

The above-referenced Reclamation Proposal was returned to you on April 27, 1993 along with your Prior Cost Claim due to inadequacies in the submittal. Of particular interest to me is the proposal which did not have the Cost Detail forms for the reclamation work being proposed. In my February 9, 1993 letter to you I clearly indicated that inclusion of the Cost Detail forms was necessary for me to approve of the proposal.

To date, I have not received a reply from you, nor have I received the completed Reclamation Proposal. I also have not received any time extension requests which would keep you in compliance with the UST Regulations. Therefore, I must require that you submit a complete Reclamation Proposal immediately so that I may review and approve it; and so that you may proceed with the implementation of the Reclamation Proposal and comply with the UST Regulations regarding this issue.

Additionally, I have not yet received the results from the sampling round conducted on March 17, 1993. I will need to review the lab analyses before I can approve any proposal you submit.

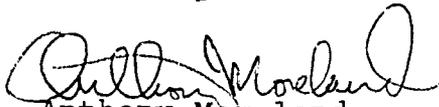
If you have any questions, or would like to arrange a meeting to discuss your course of action please contact me at (505) 827-0158.

Bruce King
Governor

Judith M. Espinosa
Secretary

Ron Curry
Deputy Secretary

Sincerely,



Anthony Moreland
Geologist
Underground Storage Tank Bureau

cc: NMED District IV Office
Robin Daly, Western Water Consultants, Inc.,
P.O. Box 4128, Laramie, WY 82071



STATE OF NEW MEXICO
ENVIRONMENT DEPARTMENT

Harold Runnels Building
1190 St. Francis Drive
P.O. Box 26110
Santa Fe, NM 87502
(505) 827-2850
FAX (505) 827-2836



CERTIFIED MAIL--RETURN RECEIPT REQUESTED

February 9, 1993

Mr. John A. Miller, Environmental Coordinator
Dowell Schlumberger Incorporated
P. O. Box 4378
Houston, TX 77210

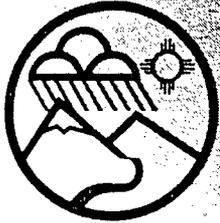
RE: RECLAMATION PROPOSAL SUBMITTED ON OCTOBER 30, 1992 FOR THE
DOWELL SCHLUMBERGER FACILITY, 500 EAST RICHEY STREET,
ARTESIA, NEW MEXICO

Dear Mr. Miller:

This letter will introduce myself, Anthony Moreland, as your new contact at the New Mexico Environment Department (NMED), and project manager for the above-referenced site. I have completed a file review and have reviewed the reclamation proposal submitted on October 30, 1992. In light of the fact that no one from this Department has contacted you until now for approval of this proposal, I will assume your plans have not changed. If they have, please let me know as soon as possible.

I cannot approve this reclamation proposal because of the new regulations which were promulgated in September 1992 under the Groundwater Protection Act. Specifically, the following additional tasks must be completed:

1. As required by the Groundwater Protection Act's Reimbursement Regulations (copy attached), and, if you would like to be reimbursed for your expenses, in order to be eligible for reimbursement for expenses incurred to design and implement the remediation system, you must submit a workplan proposal (already submitted) and a Cost Detail Form which indicates the proposed cost to design and implement the remediation system. These costs must conform to the Department's Fee Schedule (in the Reimbursement Packet attached). Of course, if you are not going to request



STATE OF NEW MEXICO
ENVIRONMENT DEPARTMENT

Bruce King
Governor

Judith M. Espinosa
Secretary

Ron Curry
Deputy Secretary

.....
Harold Runnels Building
1190 St. Francis Drive
P.O. Box 26110
Santa Fe, NM 87502
(505) 827-2850
(505) 827-2836

DRUG FREE

Mr. John A. Miller
February 9, 1993
Page 2

reimbursement, please let me know as soon as possible.

As I just indicated the reimbursement package is attached to this letter and must be filled out if you wish to be reimbursed. For costs for work performed that you incurred prior to September 22, 1992 you will need to fill out the Prior Cost Claim forms accompanied by invoices, and cancelled checks supporting costs listed on the Cost Detail Form. For costs incurred after September 22, 1992 you need to fill out the Pre-Claim Forms. Please read through this packet thoroughly and if you have questions about these forms, you should contact Julie Jacobs at (505) 827-0185. The reimbursement packet contains the Department's Fee Schedule which must be adhered to if you wish reimbursement of eligible expenses incurred after September 22, 1992. Costs incurred prior to this date, will be reviewed on a case by case basis to determine if costs were reasonable.

So, before I can give final approval of your reclamation proposal I will need to see the proposed costs associated with the design and implementation of the system.

2. Per NMED's letter of August 3, 1992 from Mr. Steve Wild, I agree with his skepticism that the SVE installation alone will result in the acceleration of natural attenuation processes in the underlying ground-water. To that end, I will require that the progress of ground-water remediation be monitored quarterly. In the event that natural attenuation processes do not appear accelerated, you will be required to install and/or modify the SVE system to include a system to address the ground-water contamination, i.e., air sparging.

3. The last monitoring well sampling report I have on file is September 1991. Before you implement the remediation system, you are required to conduct a round of sampling on the monitoring wells in order to determine the present levels of contaminants, including DNAPL's. This will also enable you to determine where your starting point is prior to remediating.

Prior to conducting this sample round, and in accordance with the Groundwater Protection Act's Reimbursement Regulations, I must review a workplan proposal and cost estimate for this task if you wish to be reimbursed. This will be a Pre-Claim and you should follow the instructions on that form when submitting this proposal and estimate. **Please note that under Part III of the Pre-Claim form you should check the box next to Phase 1-Hydrogeologic Investigation.** If you do not want to be reimbursed, please let me know as I indicated previously.

Mr. John A. Miller
February 9, 1993
Page 3

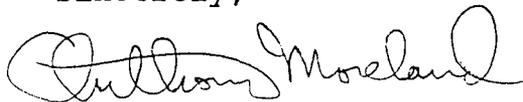
4. The Underground Storage Tank Regulations (USTR) Part XII, Section 1207 requires you to notify NMED at least 72 hours before monitoring well sampling is conducted. I would appreciate this notification and being notified prior to the remediation system installation in order to be on site to conduct split sampling of the wells and to observe the system installation.

Because of the delay in NMED's response to you for reclamation proposal approval, I am allowing two weeks from receipt of this letter for you to submit the Cost Proposal portion of the Reclamation Proposal and the additional sampling round. After I receive this, I will review it promptly and determine if it is acceptable.

Finally, you should remember the public notice requirements outlined in Section 1213 and ensure those are met prior to implementing the remediation system.

If you have any questions, or would like to arrange a meeting to discuss your course of action please contact me at (505) 827-0158.

Sincerely,



Anthony Moreland
Geologist
Underground Storage Tank Bureau

cc: NMED District IV Office
Robin Daly, Western Water Consultants, Inc.,
P.O. Box 4128, Laramie, WY 82071
Read file
Case file



State of New Mexico



ENVIRONMENT DEPARTMENT

JUDITH M. ESPINOSA
SECRETARY

RON CURRY
DEPUTY SECRETARY

BRUCE KING
GOVERNOR

October 27, 1992

Mr. John A. Miller, Environmental Coordinator
Dowell Schlumberger Incorporated
P.O. Box 4378
Houston, TX 77210

RE: Extension Request for Reclamation Proposal, Artesia Site

Dear Mr. Miller:

This letter is in regards to our telephone conversation today regarding your extension request for the required reclamation proposal for the Dowell Schlumberger site in Artesia, New Mexico. The Underground Storage Tank Bureau did in fact receive a written extension request on September 8, 1992, and agrees that you need more time to consolidate the pilot test information in order to prepare a proper corrective action system. The reclamation proposal due date is hereby extended to November 1, 1992. If you will not be able to meet this due date, you must inform this office in writing and request an additional extension by November 1, 1992.

As I explained on the phone, I have recently been appointed Project Manager of the Artesia site, therefore please address all future correspondence to me. If you have any questions, please call me at (505) 827-0196. I am looking forward to meeting you and working towards an acceptable remediation strategy.

Sincerely,

Jeff Kelley
Geologist
Underground Storage Tank Bureau

xc: NMED District IV Office
File





BRUCE KING
GOVERNOR

State of New Mexico

ENVIRONMENT DEPARTMENT

JUDITH M. ESPINOSA
SECRETARY

RON CURRY
DEPUTY SECRETARY

August 3, 1992

Mr. John A. Miller
Environmental Coordinator
Dowell-Schlumberger, Inc.
P.O. Box 4378
Houston, TX 77210

RE: REVIEW OF SUPPLEMENTAL HYDROGEOLOGICAL INVESTIGATION REPORT;
NOVEMBER, 1991 QUARTERLY SAMPLING REPORT; AND REQUIRED
RECLAMATION PROPOSAL FOR DOWELL-SCHLUMBERGER FACILITY, 500
EAST RICHEY STREET, ARTESIA, NEW MEXICO

Dear Mr. Miller:

The New Mexico Environment Department (NMED) has received the following documents relating to the above mentioned site:

1. a supplemental Hydrogeological Investigation report dated November 20, 1991 entitled "Additional Assessment and Remediation Feasibility Testing" which was prepared by your consultant, Western Water Consultants, Inc. (WWC) and
2. sample results from the November, 1991 quarterly ground-water monitoring event.

Following NMED's review of the supplemental hydrogeological investigation report, NMED finds that Dowell Schlumberger (DS) has satisfied all of the requirements of Section 1210 of the New Mexico Underground Storage Tank Regulations (USTR).

Pursuant to USTR Section 1212, the next action which must be performed is the preparation and submittal of a reclamation proposal for the remediation of contamination at the site. NMED agrees with the remediation concepts proposed by WWC in the 'Conclusions and Recommendations' section of the November 20 report. Specifically, NMED agrees that the installation of soil vapor extraction (SVE) systems in the two identified source areas will likely both reduce residual soil contamination and prevent future ground-water contamination. NMED further agrees that remediation of the residual soil contamination and thus the prevention of additional ground-water contamination, should be DS' highest remediation priority at the site.



John Miller
August 3, 1992
Page 2

NMED tentatively agrees with the proposed ground-water remediation methodology outlined in the November 20 report. NMED is skeptical that the installation of SVE systems alone will result in the acceleration of natural attenuation processes in ground water at the site. However, in the interest of both DS and New Mexico's public water resources, NMED will most likely conditionally approve this strategy. Pursuant to USTR Sections 1216 and 1217, NMED will specifically require that the progress of ground-water remediation be monitored quarterly and may require the installation of additional recovery and/or treatment equipment if the SVE system alone is not effectively mitigating ground-water contamination.

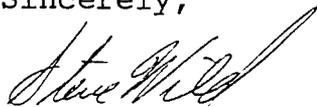
In summary,

1. NMED approves of the work performed at the site thus far,
2. DS must now prepare and submit a reclamation proposal for the remediation of contamination at the site, and
3. NMED approves of the conceptual design of the proposed remediation system.

Finally, I wish to inform you that after August 5, 1992, I will no longer be the NMED project manager for this site. Thus, after August 5, you should direct any questions to Tony Moreland, acting Program Manager of the UST Bureau's Remediation Program, at (505) 827-0158.

NMED appreciates your continued cooperation in the investigation and remediation of this contamination incident. It has been a pleasure working with you and with the staff of WWC.

Sincerely,



Steve Wild
Water Resource Specialist
Underground Storage Tank Bureau

cc: Robin Daly, Western Water Consultants
NMED District IV Office



BRUCE KING
GOVERNOR

State of New Mexico
ENVIRONMENT DEPARTMENT
Harold Runnels Building
1190 St. Francis Drive, P.O. Box 26110
Santa Fe, New Mexico 87502
(505) 827-2850

JUDITH M. ESPINOSA
SECRETARY

RON CURRY
DEPUTY SECRETARY

August 2, 1991

Mr. John Miller
Environmental Coordinator
Dowell-Schlumberger, Inc.
P.O. Box 4378
Houston, TX 77210

RE: HYDROGEOLOGIC INVESTIGATION REPORT, PROPOSED WORK PLAN, AND
REQUEST FOR EXTENSION OF TIME DEADLINE FOR DOWELL SCHLUMBERGER,
INC. FACILITY AT 500 EAST RICHEY STREET, ARTESIA, NEW MEXICO

Dear Mr. Miller:

This letter follows our telephone conversation of this date. The New Mexico Environment Department (NMED) has reviewed the work plan proposed to obtain the additional hydrogeologic information requested in my letter of May 9, 1991 and to initiate remedial activities at the Dowell-Schlumberger, Inc. facility at 500 East Richey Street, Artesia, New Mexico. NMED hereby approves the work plan in full.

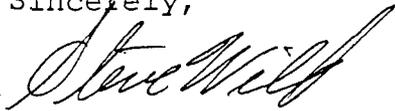
As suggested in the workplan, NMED will defer the requirement that additional downgradient monitoring wells be installed to determine the lateral extent of ground-water contamination pending the results of two quarterly rounds of ground-water sampling and the initiation of remedial activities at the site. Following NMED's evaluation of these results, NMED may either require the installation of additional wells at that time or drop this requirement entirely.

In your letter of June 7, 1991, you requested that the time deadline for submittal of both the modified hydrogeologic investigation report and the reclamation proposal be extended until December 6, 1991. Pursuant to Section 1221 of the New Mexico Underground Storage Tank Regulations (USTR), the maximum time extension that may be granted for a corrective action or reporting deadline in USTR Part XII is 30 days. Therefore, based upon your cooperation and your good faith efforts to date to characterize the contamination at the site, NMED hereby grants a 30-day extension of the time deadline for the submittal of the modified hydrogeologic investigation report and reclamation proposal. These two documents will now be due on or before August 19, 1991. If you wish to request an additional time extension, the request must be submitted to this office on or before August 19, 1991.

Mr. John Miller
August 2, 1991
Page 2

NMED appreciates your cooperation in characterizing and initiating a clean up of the contamination at this site. If you have any questions, please call me at (505) 827-0215.

Sincerely,



Steve Wild
Water Resource Specialist
Underground Storage Tank Bureau

cc: NMED District IV Office
NMED Carlsbad Field Office
NMED Hobbs Field Office



Bruce King
Governor

State of New Mexico
ENVIRONMENT DEPARTMENT
Harold Runnels Building
1190 St. Francis Drive, P.O. Box 26110
Santa Fe, New Mexico 87502
(505) 827-2550

Judith M. Espinosa
Secretary

Ron Curry
Deputy Secretary

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

May 9, 1991

Mr. John Miller
Environmental Coordinator
Dowell-Schlumberger, Inc.
P.O. Box 4128
Houston, TX 77210

RE: HYDROGEOLOGIC INVESTIGATION REPORT FOR DOWELL-SCHLUMBERGER FACILITY AT 500 EAST RICHEY STREET, ARTESIA, NEW MEXICO

Dear Mr. Miller:

This letter follows our telephone conversation of May 7, 1991. The New Mexico Environment Department ("NMED", formerly the Environmental Improvement Division of the Health and Environment Department) has reviewed the hydrogeologic investigation report for the Dowell-Schlumberger (DS) facility at 500 E. Richey St. in Artesia New Mexico that was submitted by Western Water Consultants (WWC) to satisfy the requirements of Section 1210 of the New Mexico Underground Storage Tank Regulations (USTR).

NMED is pleased with the quality of the work that has been performed at the site and the quality of the report that was submitted to this office. However, not all of the requirements of USTR 1210 C have been met by the work performed to date. Specifically, the horizontal and vertical extent of ground-water contamination has not been adequately defined. For example, the monitoring well that is farthest down gradient from the site, MW-7, contained 200 micrograms per liter (ug/l) tetrachloroethene when last sampled. The ground-water quality standard for this constituent established by the New Mexico Water Quality Control Commission Regulations is 20 ug/l. Thus, additional monitoring wells are required at the site in order to determine the horizontal and vertical extent of soil contamination.

Additionally, as stated in the "Recommendations" section of the report and pursuant to USTR 1205, the sources of the chlorinated solvents and the horizontal and vertical extent of soil contamination by these solvents need to be more thoroughly defined at the site. Thus, additional soil borings are required in order to adequately determine the horizontal and vertical extent of soil contamination at the site.

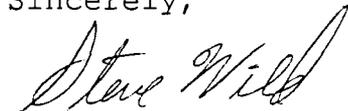
Pursuant to USTR 1211, DS must correct these inadequacies in the hydrogeologic investigation report within 15 days of receipt of this letter. If DS requires an extension of time for this deadline, pursuant to USTR 1221, you or your representative may,

Mr. John Miller
May 9, 1991
Page 2

before the expiration of the deadline, request an extension either in writing or orally followed by a written request within 7 days.

NMED commends DS and WWC for the quality of the work that has been performed and for your cooperation in characterizing this contamination incident. If you have any questions, please call me at (505) 827-0215.

Sincerely,



Steve Wild
Water Resource Specialist
Underground Storage Tank Bureau

cc: NMED District IV Office
Robin Daly, Western Water Consultants



DOWELL SCHLUMBERGER
INCORPORATED

OIL CONSERVATION DIVISION
RECEIVED

'92 DEC 31 AM 9 01

P.O. BOX 640

HOBBS, NEW MEXICO 88241

December 29, 1992

Mr. William J. Lemay, Director
State of New Mexico
Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87501

Re: Discharge Plan GW-114
Artesia Service Facility
Eddy, New Mexico

Dear Mr. Lemay,

Please find attached payment, in the amount of \$1380.00 (Flat Fee) for approved Discharged Plan, as referenced above.

I understand this single payment is for the duration of this plan approval which expires August 19, 1997. At which time we will submit an application for renewal.

Sincerely,

M.L. Wood Jr.

Safety & Enviromental Coordinator



UNITED STATES
DEPARTMENT OF THE INTERIOR
FISH AND WILDLIFE SERVICE
Ecological Services
Suite D, 3530 Pan American Highway, NE
Albuquerque, New Mexico 87107

OIL CONSERVATION DIVISION
RECEIVED
'92 NO 8 AM 8 52

October 28, 1992

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 October 5, 1992, regarding Oil Conservation Division (OCD) discharge permits GW-101, GW-114, GW-128, GW-129, and GW-130, 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 discharge permits.

GW-101- Smith Energy Services, located in Section 14, T29N, R13W, NMPM, San Juan County, New Mexico. Approximately 1,000 gallons per day of waste water is treated in an oil/water separator prior to transfer to the City of Farmington wastewater treatment system.

GW-114- Dowell Schlumberger, located in Section 4, T17S, R26E, NMPM, Eddy County, New Mexico. Approximately 280 gallons per day of waste water is stored in a closed top steel tank prior to disposal at an OCD approved offsite disposal facility.

GW-128- GPM Gas Corporation, Hat Mesa Compressor Station located in Section 4, T21S, R32E, NMPM, Lea County, New Mexico. Approximately 1,250 gallons per day of waste water is stored in a closed top steel tank prior to disposal at an OCD approved off site treatment and disposal facility.

Regarding GW-129, Gas Company of New Mexico, Crouch Mesa Compressor Station, the Service has the following comments on the issuance of a permit to allow approximately 15 gallons per day of waste water to be stored in a fiberglass tank prior to disposal at an OCD approved off site disposal facility. The facility is located in Section 23, T29N, R12W, NMPM, San Juan County, New Mexico. It was not disclosed in the permit whether the tank was a closed tank or not. The Service is concerned an open tank would create a potential risk to Department of the Interior Trust Resources. If this is the case, the

Service recommends screening or netting be implemented to exclude migratory birds.

Migratory birds are protected under the Migratory Bird Treaty Act (MBTA). If migratory birds become exposed to or accumulate harmful levels of contaminants, this constitutes "take" under the MBTA. The MBTA makes it unlawful for anyone at anytime or in any manner to capture, transport, or kill any migratory birds unless permitted by regulations promulgated under it. The courts have stated the MBTA can be constitutionally applied to impose penalties to persons, associations, partnerships, or corporations which did not intend to "kill" migratory birds and that the MBTA includes poisoning by any means. The MBTA holds that the unlawful killing of even one migratory bird is an offense.

Regarding GW-130 in which Bloomfield Refining Company has submitted a discharge plan application to construct and operate a Class I (nonhazardous) disposal well. Up to 2,380 barrels (100,000 gallons) per day of nonhazardous refinery waste will be disposed of by injection into the Cliff House formation at a depth from 3,400 to 3,600 feet. Groundwater most likely to be affected by any accidental discharge is at a depth from approximately 10 to 30 feet. The well will be located on refinery property at Section 26, T29N, R11W, NMPM San Juan County, New Mexico.

The deterioration of water quality in the San Juan River is believed to be adversely affecting fish and wildlife resources in the basin, including the federally endangered Colorado squawfish and razorback sucker. In 1988, there was an inspection by the Environmental Protection Agency at Bloomfield Refining Company where significant contamination was found; the area is now a Resource Conservation and Recovery Act site. The refinery is built on a cobble formation with Nacimiento shale which serves as an aquifer cap. This is usually an unsaturated zone but because of refinery and natural forces it has become saturated. The Service is concerned improper construction of the injection well could lead to further migration of contaminants to the river. We offer the following comments:

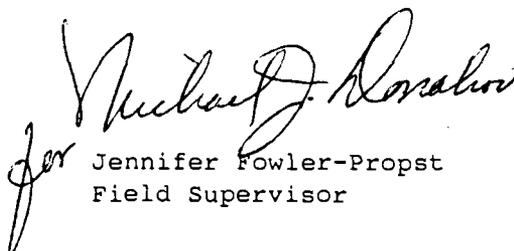
1. The well should be cased and cemented to prevent the movement of fluids.
2. A monitoring program should be implemented to assess fluid movement from the well or injection zone into or between underground sources of water.
3. Pressure buildup in the injection zone should be monitored annually.
4. The casing and cement used in the construction should be designed for the life expectancy of the well.
5. Mechanical integrity should be checked at least once every five years.

Mr. William J. LeMay

3

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

Sincerely,

for 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

Thomas J. Smithson being duly sworn declares and says that he is the manager of 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.....times, the first publication being on the.....day
of....., 1992, and the subsequent consecutive
publications on....., 1992.

Thomas J. Smithson

Sworn and subscribed to before me, a Notary Public in and for the County of Bernalillo and State of New Mexico, this.....day of....., 1992.

Bernadette Ortiz

PRICE.....

851.71

Statement to come at end of month.

12-18-93

CLA-22-A (R-12/92)

ACCOUNT NUMBER.....

C81873

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, PO Box 2088, Santa Fe, New Mexico 87504-2088, telephone (505) 827-5800; (GW-101) Smith Energy Services, Brake Stevenson, District Manager, 2198 East Bloomfield Highway, Farmington, New Mexico 87401, has submitted a discharge plan application for their Farmington Service Facility located in the SE/4 SW/4 Section 14, Township 29 North, Range 18 West, NMPM, San Juan County, New Mexico. Approximately 1000 gallons per day of waste water is treated in an oil/water separator prior to transfer to the City of Farmington wastewater treatment system. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 27 feet with a total dissolved solids concentration ranging from 800 mg/l to 900 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.
(GW-114) Dowell Schlumberger, Richard B. Cornell, Manager, 500 Richey Street, Artesia, New Mexico 88210, has submitted a discharge plan application for their Artesia Service Facility located in the SE/4 SE/4 Section 4, Township 17 South, Range 26 East, NMPM, Eddy County, New Mexico. Approximately 280 gallons per day of waste water with a total dissolved solids concentration of approximately 1100 mg/l is stored in a closed top steel tank prior to disposal at an OCD approved off site disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 15 feet with a total dissolved solids concentration of approximately 1500 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.
(GW-128) GPM Gas Corporation, Vincent B. Bernard, Safety and Environmental Supervisor, 4044 Pembroke, Odessa, Texas 79762, has submitted a discharge plan application for their Hot Mesa Compressor Station located in the SW/4 SE/4, Section 4, Township 21 South, Range 32 East, NMPM, Lea County, New Mexico. Approximately 1250 gallons per day of waste water with a total dissolved solids concentration of approximately 5000 mg/l is stored in a closed top steel tank prior to disposal at an OCD approved off site treatment and disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 50 feet with a total dissolved solids concentration of approximately 1500 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.
(GW-129) Gas Company of New Mexico, Sam Mohler, Compressor Operations Supervisor, PO Box 1899, Bloomfield, New Mexico 87413, has submitted a discharge plan application for the Crouch Mesa Compressor Station located in the NE/4 NE/4, Section 23, Township 29 North, Range 12 West, NMPM, San Juan County, New Mexico. Approximately 15 gallons per day of waste water will be stored in a fiberglass tank prior to disposal at an OCD approved off site disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 252 feet with a total dissolved solids concentration of approximately 1500 mg/l. The discharge plan addresses how spills, leaks and other accidental discharges to the surface will be managed.
(GW-130) Bloomfield Refining Company, David Roderick, Refinery Manager, PO Box 159, Bloomfield, New Mexico 87413, has submitted a discharge plan application to construct and operate a Class 1 (non-hazardous) disposal well located in the NW/4 SW/4, Section 26, Township 29 North, Range 11 West, NMPM, San Juan County, New Mexico. Up to 2280 barrels (100,000 gallons) per day of non-hazardous refinery waste will be disposed of by injection into the Cliff House formation at a depth from 3400 to 3500 feet. The total dissolved solids concentration of the waste is approximately 15,800 mg/l. The total dissolved solids concentration of the formation fluids is approximately 25,000 mg/l. The discharge plan addresses construction, operation and monitoring of the well and associated surface facilities and provides a contingency plan in the event of accidental spills, leaks and other unauthorized discharges to the ground surface. Ground water most likely to be affected by any accidental discharge is at a depth from approximately 10 to 30 feet and is a water zone directly caused by seepage from Hammond Ditch. The ditch water has a total dissolved solids concentration of approximately 200 mg/l.
Any interested person may obtain further information from the Oil and Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan application may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and 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 30th day of September, 1992.
OIL CONSERVATION DIVISION
STATE OF NEW MEXICO
s/William J. Lemey, Director
Journal: October 10, 1992

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

Legal Notice

~~and numbers~~ in the

~~of the State of New Mexico~~ was published in a regular and entire issue of THE LOVINGTON DAILY LEADER and not in any supplement thereof, ~~once each week~~

~~for one (1) day~~

~~consecutive weeks~~, beginning with the issue of

October 8, 19 92

and ending with the issue of

October 8, 19 92

And that the cost of publishing said notice is the sum of \$ 57.78

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

Joyce Clemens

Subscribed and sworn to before me this 15th

day of October, 19 92

Mrs. Jean Sevier
 Notary Public, Lea County, New Mexico

My Commission Expires Sept. 28, 19 94

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-101) - Smith Energy Services, Brake Stevenson, District Manager, 2198 East Bloomfield Highway, Farmington, New Mexico 87401, has submitted a discharge plan application for their Farmington Service Facility located in the SE/4 SW/4, Section 14, Township 29 North, Range 13 West, NMPM, San Juan County, New Mexico. Approximately 1000 gallons per day of waste water is treated in an oil/water separator prior to transfer to the City of Farmington wastewater treatment system. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 27 feet with a total dissolved solids concentration ranging from 600 mg/l to 900 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-114) - Dowell Schlumberger, Richard B. Connell, Manager, 500 Richey Street, Artesia, New Mexico 88210, has submitted a discharge plan application for their Artesia Service Facility located in the SE/4 SE/4, Section 4, Township 17 South, Range 26 East, NMPM, Eddy County, New Mexico. Approximately 280 gallons per day of waste water with a total dissolved solids concentration of approximately 1100 mg/l is stored in a closed top steel tank prior to disposal at an OCD approved off site disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 15 feet with a total dissolved solids concentration of approximately 1500 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-128) - GPM Gas Corporation, Vincent B. Bernard, Safety and Environmental Supervisor, 4044 Penbrook, Odessa, Texas 79762, has submitted a discharge plan application for their Hat Mesa Compressor Station located in the SW/4 SE/4, Section 4, Township 21 South, Range 32 East, NMPM, Lea County, New Mexico. Approximately 1250 gallons per day of waste water with a total dissolved solids concentration of approximately 5000 mg/l is stored in a closed

top steel tank prior to disposal at an OCD approved off site treatment and disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 50 feet with a total dissolved solids concentration of approximately 1500 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-129) - Gas Company of New Mexico, Sam Mohler, Compressor Operations Supervisor, P.O. Box 1899, Bloomfield, New Mexico 87413, has submitted a discharge plan application for its Crouch Mesa Compressor Station located in the NE/4 NE/4, Section 23, Township 29 North, Range 12 West, NMPM, San Juan County, New Mexico. Approximately 15 gallons per day of waste water will be stored in a fiberglass tank prior to disposal at an OCD approved off site disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 252 feet with a total dissolved solids concentration of approximately 1500 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-130) - Bloomfield Refining Company, David Roderick, Refinery Manager, P.O. Box 159, Bloomfield, New Mexico 87413, has submitted a discharge plan application to construct and operate a Class I (non-hazardous) disposal well located in the NW/4 SW/4,

Section 26, Township 29 North, Range 11 West, NMPM, San Juan County, New Mexico. Up to 2380 barrels (100,000 gallons) per day of non-hazardous refinery waste will be disposed of by injection into the Cliff House formation at a depth from 3400 to 3600 feet. The total dissolved solids concentration of the waste is approximately 15,600 mg/l. The total dissolved solids concentration of the formation fluids is approximately 25,000 mg/l. The discharge plan addresses construction, operation and monitoring of the well and associated surface facilities and provides a contingency plan in the event of accidental spills, leaks and other unauthorized discharges to the ground surface. Groundwater most likely to be affected by any accidental discharge is at a depth from approximately 10 to 30 feet and is a water zone directly caused by seepage from Hammond Ditch. The ditch water has a total dissolved solids concentration of approximately 200 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 4: 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 that it 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 30th day of September, 1992.

STATE OF NEW MEXICO
 OIL CONSERVATION
 DIVISION
 WILLIAM J. LEMA, Director
 SEAL
 Published in the Lovington Daily Leader October 8, 1992.

Oath of Publication

Copy of Publication

No. 14094

STATE OF NEW MEXICO,

Eddy:

D. Scott being duly

sworn: That he is the Publisher of The

Daily Press, a daily newspaper of general circulation,

published in English at Artesia, said county and state, and that

attached Legal Notice

is published in a regular and entire issue of the said Artesia

newspaper, a daily newspaper duly qualified for that purpose

under the meaning of Chapter 167 of the 1937 Session Laws of

the State of New Mexico for 1 consecutive weeks on

the days

beginning on the date of publication October 9, 1992

and ending on the date of publication October 9, 1992

and the publication of the said newspaper

is required by law.

Witness my hand and seal this 23rd day

of October 19 92

at Artesia, New Mexico.

Guillermo L. Beans
Notary Public, Eddy County, New Mexico

This publication expires September 23, 1996

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-101) - Smith Energy Services, Brake Stevenson, District Manager, 2198 East Bloomfield Highway, Farmington, New Mexico 87401, has submitted a discharge plan application for their Farmington Service Facility located in the SE/4 SW/4, Section 14, Township 29 North, Range 13 West, NMPM, San Juan County, New Mexico. Approximately 1000 gallons per day of waste water is treated in an oil/water separator prior to transfer to the City of Farmington wastewater treatment system. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 27 feet with a total dissolved solids concentration ranging from 600 mg/l to 900 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

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affected by an accidental discharge is at a depth of approximately 15 feet with a total dissolved solids concentration of approximately 1500 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-128) - GPM Gas Corporation, Vincent B Bernard, Safety and Environmental Supervisor, 4044 Penbrook, Odessa, Texas 79762, has submitted a discharge plan application for their Hat Mesa Compressor Station located in the SW/4 SE/4, Section 4, Township 21 South, Range 32 East, NMPM, Lea County, New Mexico. Approximately 1250 gallons per day of waste water with a total dissolved solids concentration of approximately 5000 mg/l is stored in a closed top steel tank prior to disposal at an OCD approved off site treatment and disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 50 feet with a total dissolved solids concentration of approximately 1500 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-129) - Gas Company of New Mexico, Sam Mohler, Compressor Operations Supervisor, P.O. Box 1899, Bloomfield New Mexico 87413, has submitted a discharge plan application for its Crouch Mesa Compressor Station located in the NE/4 NE/4, Section 23, Township 29 North, Range 12 West, NMPM, San Juan County, New Mexico. Approximately 15 gallons per day of waste water will be stored in a fiberglass tank prior to disposal at an OCD approved off site disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 252 feet with a total dissolved solids concentration of approximately 1500 mg/l.

The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-130) - Bloomfield Refining Company, David Roderick, Refinery Manager,

P.O. Box 159, Bloomfield, New Mexico 87413, has submitted a discharge plan application to construct and operate a Class I (non-hazardous) disposal well located in the NW/4 SW/4, Section 26, Township 29 North, Range 11 West, NMPM, San Juan County, New Mexico. Up to 2380 barrels (100,000 gallons) per day of non-hazardous refinery waste will be disposed of by injection into the Cliff House formation at a depth from 3400 to 3600 feet. The total dissolved solids concentration of the waste is approximately 15,600 mg/l. The total dissolved solids concentration of the formation fluids is approximately 25,000 mg/l. The discharge plan addresses construction, operation and monitoring of the well and associated surface facilities and provides a contingency plan in the event of accidental spills, leaks and other unauthorized discharges to the ground surface. Groundwater most likely to be affected by any accidental discharge is at a depth from approximately 10 to 30 feet and is a water zone directly caused by seepage from Hammond Ditch. The ditch water has a total dissolved solids concentration of approximately 200 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 4:00 p.m., Monday through Friday. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and 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 30th day of September, 1992.

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

SEAL
Published in the Artesia Daily Press, Artesia, N.M. October 9, 1992.

Legal 14094

AFFIDAVIT OF PUBLICATION

No. 30140

STATE OF NEW MEXICO,
County of San Juan:

CHRISTINE HILL being duly sworn, says: "That she is the NATIONAL AD MANAGER 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 FRIDAY, OCTOBER 9, 1992

Second Publication _____

Third Publication _____

Fourth Publication _____

and the cost of publication was \$ 81.33

Christine Hill

Subscribed and sworn to before me this 20 day of OCTOBER, 1992.

Sunny Beck

Notary Public, San Juan County, New Mexico

My Comm expires: JULY 3, 1993 *April 2, 1996*

COPY OF PUBLICATI

NOTICE OF PBLICATION
STATE OF NW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVAION 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 875042088, Telephone (505) 827-5800:

(GW-101) - Smith Energy Services, Brake Stevenson, District Manager, 2198 East Bloomfield Highway, Farmington, New Mexico 87401, has submitted a discharge plan application for their Farmington Service Facility located in the SE/4 SW/4, Section 14, Township 29 North, Range 13 West, NMPM, San Juan County, New Mexico. Approximately 1000 gallons per day of waste water is treated in an oil/water separator prior to transfer to the City of Farmington wastewater treatment system. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 27 feet with a total dissolved solids concentration ranging from 600 mg/l to 900 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-114) - Dowell Schlumberger, Richard B. Connell, Manager, 500 Richey Street, Artesia, New Mexico 88210, has submitted a discharge plan application for their Artesia Service Facility located in the SE/4 SE/4, Section 4, Township 17 South, Range 26 East, NMPM, Eddy County, New Mexico. Approximately 280 gallons per day of waste water with a total dissolved solids concentration of approximately 1100 mg/l is stored in a closed top steel tank prior to disposal at an OCD approved off site disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 15 feet with a total dissolved solids concentration of approximately 1500 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-128) - GPM Gas Corporation, Vincent B. Bernard, Safety and Environmental Supervisor, 4044 Penbrook, Texas 79762, has submitted a discharge plan application for their Hat Mesa Compressor Station located in the SW/4 SE/4, Section 4, Township 21 South, Range 32 East, NMPM, Lea County, New Mexico. Approximately 1250 gallons per day of waste water with a total dissolved solids concentration of approximately 5000 mg/l is stored in a closed top steel tank prior to disposal at an OCD approved off site treatment and disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 50 feet with a total dissolved solids concentration of approximately 1500 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-129) - Gas Company of New Mexico, Sam Mohler, Compressor Operations Supervisor, P.O. Box 1899, Bloomfield New Mexico 87413, has submitted a discharge plan application for its Crouch Mesa Compressor Station located in the NE/4 NE/4, Section 23, Township 29 North, Range 12 West, NMPM, San Juan County, New Mexico. Approximately 15 gallons per day of waste water will be stored in a fiberglass tank prior to disposal at an OCD approved off site disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 252 feet with a total dissolved solids concentration of approximately 1500 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-130) - Bloomfield Refining Company, David Roderick, Refinery Manager, P.O. Box 159, Bloomfield, New Mexico 87413, has submitted a discharge plan application to construct and operate a Class I (non-hazardous) disposal well located in the NW/4 SW/4, Section 26, Township 29 North, Range 11 West, NMPM, San Juan County, New Mexico. Up to 2380 barrels (100,000 gallons) per day of non-hazardous refinery waste will be disposed of by injection into the Cliff House formation at a depth from 3400 to 3600 feet. The total dissolved solids concentration of the waste is approximately 15,600 mg/l. The total dissolved solids concentration of the formation fluids is approximately 25,000 mg/l. The discharge plan addresses construction, operation and monitoring of the well and associated surface facilities and provides a contingency plan in the event of accidental spills, leaks and other unauthorized discharges to the ground surface. Ground water most likely to be affected by any accidental discharge is at a depth from approximately 10 to 30 feet and is a water zone directly cause by seepage from Hammond Ditch. The ditch water has a total dissolved solids concentration of approximately 200 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 4:00 p.m., Monday through Friday. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and 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 30th day of September, 1992.

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

SEAL
Legal No 30140 published in the Farmington Daily Times Farmington, New Mexico on Friday, October 9, 1992.

NOTICE OF PUBLICATION

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

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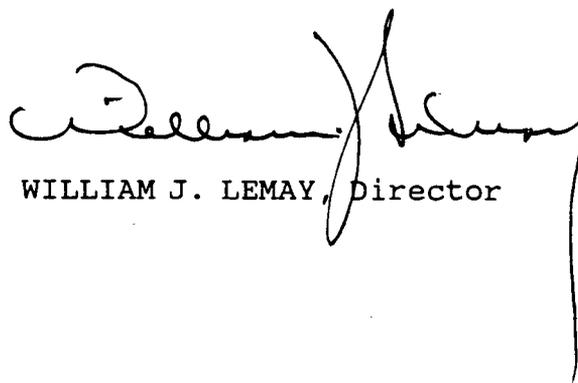
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If no public hearing is held, the Director will approve or disapprove the proposed plan based on information available. If a public hearing is held, the director will approve or disapprove the proposed plan based on information in the plan and information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

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 30th day of September, 1992.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

A handwritten signature in cursive script, appearing to read 'William J. Lemay', is written over the printed name. The signature is fluid and extends downwards with a long vertical stroke.

WILLIAM J. LEMAY, Director

S E A L

VENDOR NO. 0404706



Dowell Schlumberger Incorporated

CHECK NO. [REDACTED]

DATE

05/26/92

BATCH	CUSTOMER INVOICE		C O D E	P.O. NUMBER	INVOICE AMOUNT	DISCOUNT	NET AMOUNT
	NUMBER	DATE					
3646	INVDA082492	082492			50.00	.00	50.00
	LUE, PLEASE RELEASE	RELEASE		& MAIL TO HUBBS DISTRICT.			
				**TOTAL	50.00	.00	50.00
						PO BOX 640 HOBBS, NM	

* EXPLANATION CODES ON REVERSE SIDE

ACKNOWLEDGEMENT OF RECEIPT
OF CHECK/CASH

I hereby acknowledge receipt of check No. [REDACTED] dated 8/26/92,
or cash received on 9/4/92 in the amount of \$ 50.00
from Dowell Schlumberger
for Artesia Service Facility GW-114
(Facility Name) (DP No.)

Submitted by: _____ Date: _____
Submitted to ASD by: Kathy Brown Date: 9/4/92
Received in ASD by: Sherry Gonzalez Date: 9/4/92

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 _____

Dowell Schlumberger Incorporated
P. O. BOX 4178
HOUSTON, TEXAS 77210



DATE 08/26/92

CHECK NO. [REDACTED]

60-16
100

FIFTY DOLLARS NO CENTS

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION
P O BOX 2088
SANTA FE NM 87501

PAY TO THE
ORDER OF

PAY

*****50.00

MELLON BANK N.A.
Pittsburgh, Pennsylvania

[REDACTED]
AUTHORIZED SIGNATURE

STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION



BRUCE KING
GOVERNOR

ANITA LOCKWOOD
CABINET SECRETARY

September 28, 1994



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

CERTIFIED MAIL
RETURN RECEIPT NO. P-176-012-263

Mr. John A. Miller, Remediation Manager
Dowell Schlumberger Inc.
P.O. Box 4378
Houston, Texas 77210-4378

**RE: CLOSURE OF FORMER ACID PLANT
DOWELL SCHLUMBERGER ARTESIA SERVICE FACILITY
EDDY COUNTY, NEW MEXICO**

Dear Mr. Miller:

The New Mexico Oil Conservation Division (OCD) has received your July 20, 1994 "Closure Plan for a Former Acid Plant" at the Dowell Schlumberger Incorporated Facility Artesia, New Mexico prepared by Western Water Consultants, Inc. on behalf of Dowell. The above document outlines a plan for closure of a concrete revetment and pad, the loading pads and associated catch sumps.

Based on the information provided in the closure plan dated July 20, 1994 the OCD hereby approves closure of the former acid plant under the following conditions.

1. Wastewater Disposal: Any wastewater remaining in the system or generated as a result of the washing of the excavated debris will be contained and tested for hazardous characteristics and the results submitted to the OCD Santa Fe Office for approval prior to disposal.
2. Concrete and Sump Waste: The concrete sumps and PVC drain lines will be excavated, cleaned on site and the waste debris stockpiled in a lined holding area. The wastes will be tested for hazardous characteristics and the results submitted to the OCD Santa Fe Office for approval prior to disposal.

Mr. Miller
September 28, 1994
Page 2

3. Contaminated Soils: If contaminants are detected in the underlying soils after removal of the concrete and associated debris, Dowell will provide the OCD with all testing results prior to disposal of contaminated soils or closure of the excavation. All contaminated soils will be stockpiled in a lined holding area.
4. Investigation Report: Dowell will submit a final closure report to the OCD within forty-five (45) days of completing the proposed closure.

Please be advised that OCD approval does not limit you to the work proposed if the investigation fails to fully delineate the extent of contamination related to Dowell's activities. Additionally, this approval does not relieve Dowell of liability should your operation result in actual pollution of the ground water, surface water or the environment actionable under other laws and/or regulations.

Sincerely,



Chris E. Eustice
Environmental Geologist

xc: OCD Artesia Office

John A. Miller
Remediation Manager

'94 JUL 27 AM 8 50

Certified Mail

July 22, 1994

Mr. Roger Anderson
New Mexico Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87504

Re: Closure Plan for a Former Acid Plant

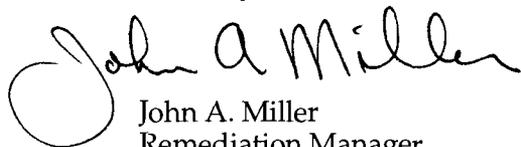
Dear Mr. Anderson:

Enclosed for your review and approval is a closure plan for a former acid plant at the Dowell Schlumberger Incorporated (Dowell) facility in Artesia, New Mexico. This plan is in accordance with Dowell's Discharge Plan GW-114 approved by the NMOCD in April 1992.

By copy of this letter, one copy of the plan is being submitted to the OCD Aztec office.

We wish to proceed with closure at the earliest possible date and would therefore appreciate your timely review. Please do not hesitate to contact me at 713-275-8498 if you have any questions.

Sincerely,



John A. Miller
Remediation Manager

JAM:lb

Enclosure

cc: Mr. Frank T. Chavez
Oil Conservation Division
1000 Rio Brazos Road
Aztec, New Mexico 87410

WWC, Laramie



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



BRUCE KING
GOVERNOR

ANITA LOCKWOOD
CABINET SECRETARY

May 25, 1994

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

Eileen M. Byrne, Esq.
Grippio & Elden
227 West Monroe Street
Suite 3600
Chicago, Illinois 60606

Re: Letter dated May 20, 1994 to Chris Wentz of
New Mexico Energy, Minerals & Natural
Resources Department regarding request for
information on Dow Chemical Company site at
500 East Richey, Artesia, New Mexico

Dear Ms. Byrne:

Regarding your above request, the public records kept by the State of New Mexico are open to inspection under Sections 14-2-1 to 14-2-12 of the New Mexico Statutes Annotated and not the federal Freedom of Information Act. The Environmental Bureau of the New Mexico Oil Conservation Division, a division of the New Mexico Energy, Minerals & Natural Resources Department, has records pertaining to a site at the above-referenced address in Artesia, New Mexico for Dowell-Schlumberger, which is believed to be an affiliate of Dow Chemical Co. Those records are open to the public any working day from 8:00 a.m. to 4:00 p.m. at the Oil Conservation Division offices at 310 Old Santa Fe Trail, Santa Fe, New Mexico.

If you have any questions regarding the inspection of these documents, please feel free to call Roger Anderson, the OCD Environmental Bureau chief at 505/827-5812.

Sincerely,

Rand Carroll
Counsel

cc: Roger Anderson ✓
Scott Spencer

VENDOR NO.

0404706



Dowell Schlumberger Incorporated

CHECK NO.

12/18/92

DATE

BATCH	CUSTOMER INVOICE		C O D E	P.O. NUMBER	INVOICE AMOUNT	DISCOUNT	NET AMOUNT
	NUMBER	DATE					
13109	GW-114 1292	120792			1,380.00	.00	1,380.00
	LUE, PLEASE MAIL		TO	HNM DISTRICT.	FOR DISCHARGE PLAN GW-114		
	CONTACT HOBBS		NM	AT (505) 393-6186	IF QUESTIONS ON ABOVE INVOICE(S).		
				**TOTAL	1,380.00	.00	1,380.00

* EXPLANATION CODES ON REVERSE SIDE

ACKNOWLEDGEMENT OF RECEIPT
OF CHECK/CASH

I hereby acknowledge receipt of check No. [REDACTED] dated 12/18/92,
or cash received on 12/31/92 in the amount of \$ 1380.00

from Dowell Schlumberger Inc.

for Artesia Service Facility GW-114
(Facility Name) (DP No.)

Submitted by: _____ Date: _____

Submitted to ASD by: Kathryn Brown Date: 12/31/92

Received in ASD by: Matthew Montoya Date: 12/31/92

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 _____

Dowell Schlumberger Incorporated
P. O. BOX 4178
HOUSTON, TEXAS 77210



DATE 12/18/92

CHECK NO.

60-10
433

ONE THOUSAND THREE HUNDRED EIGHTY DOLLARS NO CENTS

PAY TO THE
ORDER OF

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION
P O BOX 2088
SANTA FE NM 87501

PAY

*****1,380.00

MELLON BANK N.A.

Pittsburgh, Pennsylvania

AUTHORIZED SIGNATURE

OIL CONSERVATION DIVISION
RECEIVED

722-92

1982 JUL 24 AM 9 07

TO: Roger Anderson NM EQD OCD

From: Rick Connell Artesia NM Location
Dowell Schlumberger

SPCC IN
Brown
Accordion
file.

RE: SPCC Plan Artesia New Mexico

Roger, here is our SPCC Plan for our
Artesia location. We have a copy here at
the district and one will go to the Police/Fire dept.

Call if we can be of help

Thank you

Rick Connell
Location Alger
Artesia NM

505-748-1391

STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION



BRUCE KING
GOVERNOR

ANITA LOCKWOOD
CABINET SECRETARY

April 29, 1992

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

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

Mr. Butch Wood
Safety & Environmental Coordinator
Dowell Schlumberger Inc.
P.O. Box 640
Hobbs, New Mexico 88240

**RE: DISCHARGE PLAN REQUIREMENT
ARTESIA SERVICE FACILITY (GW-114)
EDDY COUNTY, NEW MEXICO**

Dear Mr. Wood:

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 Dowell Schlumberger 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. Butch Wood
April 29, 1992
Page - 2

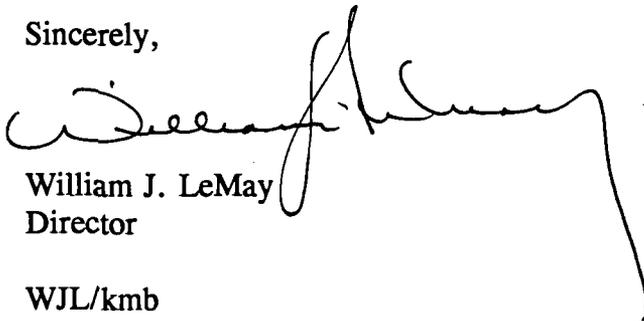
cause. Part 3-106.A. also allows the discharge to continue without an approved discharge plan until 240 days after written notification by the Director of the OCD that a discharge plan is required. An extension of this time may be sought and approved for good cause.

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

Serving Our Clients Since 1980

WESTERN WATER CONSULTANTS, INC.

Engineering • Hydrology • Hydrogeology • Waste Management • Construction Administration

611 SKYLINE ROAD, P.O. BOX 4128 • LARAMIE, WYOMING 82071 • (307) 742-0031 • FAX (307) 721-2913

August 12, 1991

Mr. Roger C. Anderson
Environmental Engineer
State of New Mexico Oil Conservation Division
P.O. Box 2088
Land Office Building
Santa Fe, NM 87504-2088

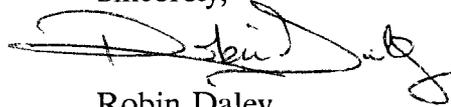
Re: Disposal of water generated during a pump test at the Artesia facility of Dowell Schlumberger Inc.

Dear Mr. Anderson,

Enclosed is a copy of the letter containing the information provided by Western Water Consultants, Inc. to James Maloney of Loco Hills Water Disposal for the purpose of obtaining permission from the New Mexico Oil Conservation Division for the disposal of water containing hydrocarbons. The water will be generated during a pump test of a shallow alluvial ground-water monitoring well at Dowell Schlumberger's Artesia facility. This information was requested by you in a recent telephone conversation with Mr. Darwin Thompson, the site manager at the facility.

The dates of the field work have been changed to September 9 - 13, 1991. Western Water Consultants would like to receive written confirmation of authorization obtained earlier by Mr. James Maloney prior to beginning field work on September 9, 1991. If you have any questions or comments, please feel free to contact me at (307) 742-0031 and I will be happy to address them.

Sincerely,



Robin Daley
Geologist

cc: Mr. Darwin Thompson, Dowell Schlumberger Inc. (Artesia)
Mr. John Miller, Dowell Schlumberger Inc.
Mr. Bill Witt, The Dow Chemical Company

*copy of Loco Hills
letter sent 8/19
RCD*

OTHER LOCATIONS

1949 SUGARLAND DRIVE, SUITE 134
SHERIDAN, WYOMING 82801
(307) 672-0761
FAX (307) 674-4265

701 ANTLER DRIVE, SUITE 233
CASPER, WY 82601
(307) 473-2707
FAX (307) 237-0828

WESTERN WATER CONSULTANTS, INC.

Engineering • Hydrology • Hydrogeology • Waste Management • Construction Administration

611 SKYLINE ROAD, P.O. BOX 4128 • LARAMIE, WYOMING 82071 • (307) 742-0031 • FAX (307) 721-2913

File 0125-A

July 6, 1991

Mr. James Maloney
Loco Hills Water Disposal
P. O. Box 68
Loco Hills, NM 88255

Re: Information required to obtain authorization from the New Mexico Oil Conservation Division to dispose ground water from a pump test at the Artesia facility of Dowell Schlumberger Inc. at the Loco Hills Water Disposal facility.

Dear Mr. Maloney,

As per our telephone conversation on July 5, 1991, Western Water Consultants (WWC), on behalf of Dowell Schlumberger Inc. (DSI), is providing information necessary to obtain authorization from the New Mexico Oil Conservation Division for the disposal of ground water at the disposal facility owned by Loco Hills Water Disposal. The ground water to be disposed contains minor amounts of aromatic hydrocarbons and will be generated during a pump test near an underground fuel storage tank (UST) site at the Artesia facility of Dowell Schlumberger Inc.

I spoke with Ms. Cathy Brown of the Environment Bureau of the New Mexico Oil Conservation Division by telephone on July 3, 1991, regarding the proper protocol for obtaining authorization to dispose this ground water. She informed me that the disposal facility typically requests permission of the Oil Conservation Division to accept wastewater.

The water is from the shallow alluvial aquifer at a depth of 23 to 50 feet below surface. It contains minor amounts of benzene (0.098 mg/L), ethylbenzene (0.011 mg/L), and xylenes (0.025 mg/L). The laboratory report for ground water from this well, sampled in January 1991, is attached to this letter.

OTHER LOCATIONS

1949 SUGARLAND DRIVE, SUITE 134
SHERIDAN, WYOMING 82801
(307) 672-0761
FAX (307) 674-4265

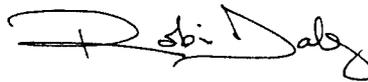
701 ANTLER DRIVE, SUITE 233
CASPER, WY 82601
(307) 473-2707
FAX (307) 237-0828

Mr. James Maloney
Loco Hills Water Disposal
July 5, 1991
Page 2

The ground water will be produced during an aquifer pumping test. A total of 1000 to 8000 gallons of water will be generated, depending on the pump rate supported by the aquifer. The water will be stored on site in a frac tank during the pumping test. WWC will be performing the pumping test during the week of July 22 - 26, 1991, and would like to dispose the water as soon as the test is completed.

If you have questions or if there is a problem obtaining authorization, please call me at (307) 742-0031. I would like to have all arrangements complete and documented in writing prior to beginning field work on July 22. Thanks for your help.

Sincerely,



Robin Daley
Geologist

RD:cwh
cc: John Miller, DSI
W. J. Witt, Dow Chemical
File 0125-E

COMPANY NAME:

Western Water Consultants

CENREF PROJECT NUMBER:

PR910205

CENREF SAMPLE NUMBER:

879

SAMPLE IDENTIFICATION:

0125.4-1 MW-4

METHOD EPA 8240

<u>ANALYSIS</u>	<u>CAS NO.</u>	<u>SDL</u> (ug/l)	<u>RESULT</u> (ug/l)
Chloromethane	74-87-3	5	BDL
Bromomethane	74-83-9	5	BDL
Vinyl Chloride	75-01-4	5	BDL
Chloroethane	75-00-3	5	BDL
Trichlorofluoromethane	75-69-4	5	BDL
Methylene Chloride	75-09-2	5	BDL
Acetone	67-64-1	10	BDL
Carbon Disulfide	75-15-0	10	BDL
1,1-Dichloroethene	75-35-4	1	BDL
1,1-Dichloroethane	75-34-3	1	BDL
Total-1,2-Dichloroethene	540-59-0	2	BDL
Chloroform	67-66-3	1	BDL
1,2-Dichloroethane	107-06-2	1	BDL
2-Butanone	78-93-3	10	BDL
1,1,1-Trichloroethane	71-55-6	1	BDL
Carbon Tetrachloride	56-23-5	1	BDL
Vinyl Acetate	108-05-4	10	BDL
Bromodichloromethane	75-27-4	1	BDL
1,2-Dichloropropane	78-87-5	1	BDL
2-Chloroethyl vinyl ether	110-75-8	10	BDL
cis-1,3-Dichloropropene	10061-01-5	1	BDL
Trichloroethene	79-01-6	1	BDL
Dibromochloromethane	124-48-1	1	BDL
1,1,2-Trichloroethane	79-00-5	1	BDL
Benzene	71-43-2	1	98
trans-1,3-Dichloropropene	10061-02-6	1	BDL
Bromoform	75-25-2	1	BDL
4-Methyl-2-Pentanone	108-10-1	10	BDL
2-Hexanone	591-78-6	10	BDL
Tetrachloroethene	127-18-4	1	BDL
1,1,2,2-Tetrachloroethane	79-34-5	1	BDL
Toluene	108-88-3	1	BDL
Chlorobenzene	108-90-7	1	BDL
Ethylbenzene	100-41-4	1	11
Styrene	100-42-5	5	BDL
Xylene (total)	1330-20-7	5	25

Page 2 continued

COMPANY NAME: Western Water Consultants
CENREF PROJECT NUMBER: PR910205
CENREF SAMPLE NUMBER: 879
SAMPLE IDENTIFICATION: 0125.4-1 MW-4

METHOD EPA 8240

<u>ANALYSIS</u>	<u>CAS NO.</u>	<u>SDL</u> (ug/l)	<u>RESULT</u> (ug/l)
1,2-Dichlorobenzene	95-50-1	5	BDL
1,3-Dichlorobenzene	541-73-1	5	BDL
1,4-Dichlorobenzene	106-46-7	5	BDL

BDL = Below Sample Detection Limit
SDL = Sample Detection Limit

COMMENTS: _____

V. Steve Reed
Executive Vice President

December 27, 1989

Mr. Roger C. Anderson
Environmental Engineer
Oil Conservation Division
State of New Mexico
P.O. Box 2088
Santa Fe, NM 87504-2088

Re: Dowell Schlumberger, Artesia District

Dear Mr. Anderson:

On December 27, 1989, you were notified that certain chemicals had been detected in soils and ground water in levels above background concentrations at the above referenced site. The purpose of this letter is to provide you with more specific information about that site.

The following constituents were detected on-site:

Ground Water Maximum Concentration ($\mu\text{g/L}$)

Benzene	157.5
Toluene	1,148
Xylenes	8,083
Ethylbenzene	952
Acetone	54,627

Soils Maximum Concentration (mg/kg)

Xylenes	170,000
Ethylbenzene	16,000

Ground Water (off-site) Maximum Concentration ($\mu\text{g/L}$)

Benzene	16.3
Toluene	2.7

A copy of the off-site ground water analyses has been forwarded to the landowner. Dowell Schlumberger is continuing to assess the source and extent of the release. Additional information relating to the site investigation will be submitted to you under separate cover when it is available.

1700

708 American Bank Plaza • Corpus Christi, Texas 78475
(512) 883-1353 • Telecopy (512) 883-7565

A Geraghty & Miller Company

Thank you for your attention to this matter. For more information, contact Mike Seller (918) 250-4247.

Very truly yours,

REED & ASSOCIATES, INC.

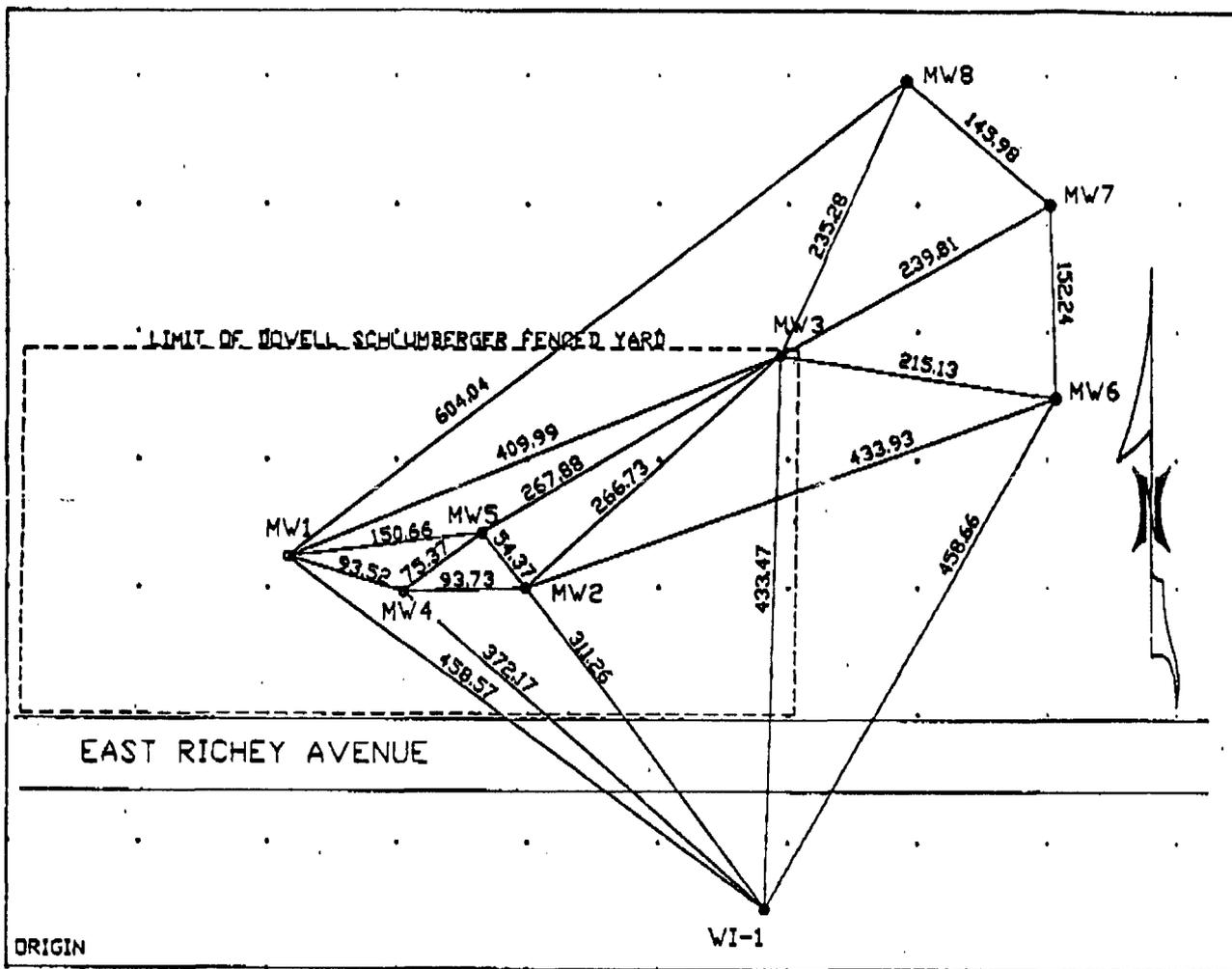


V. Steve Reed

VSR/cc

Enclosures (2)

xc: Mike Seller, Dowell Schlumberger, Tulsa



WELL NAME	GRID COORDINATES		ELEVATION OF M. P.
	NORTH	EAST	
MW-1	323.76	215.50	3358.00
MW-2	299.70	398.72	3356.97
MW-3	481.39	593.99	3355.78
MW-4	296.74	305.03	3360.62
MW-5	342.37	367.01	3357.27
MW-6	448.01	806.52	3358.25
MW-7	600.20	802.30	3355.27
MW-8	695.44	691.68	3358.87
WI-1	48.09	581.95	3356.63



P.R. Patton & Associates

Consulting Engineers
Surveyors

Petroleum Bldg.
Roswell, N.M. 88201
505/622-9106



Lubbock Christian University Institute of Water Research

5601 West 19th Street - Lubbock, Texas 79407
(806) 793-9010

ANALYTICAL ANALYSIS FOR
E. L. REED & ASSOCIATES, INC.
Attention: Steve Tischer
1030 Andrews Highway, Suite 120
Midland, TX 79701

December 15, 1989
Receiving Date: 12/04/89
Sample Type: Water
Project No: COC 2919
Project Location: Artesia

Sampling Date: 12/1/89
Sample Condition: See Note
Sample Received by: JC
Project Name: Dowell Schlumberger

LCUIWR #	Field Code	TRPHC (ppb)	MTBE (ppb)	BENZENE (ppb)	TOLUENE (ppb)	ETHYL-BENZENE (ppb)	M,P,O XYLENE (ppb)	ACETONE (ppb)	ISOPROPANOL (ppb)
Y5006	MW-5	852	216.7	89.7	1.7	<0.2	<0.2	NR	NR
Y5007	MW-6	614	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<6.0
Y5008	MW-7	617	<0.2	16.3	0.2	<0.2	<0.2	<0.2	<6.0
Y5009	MW-8	617	<0.2	2.7	<0.2	<0.2	<0.2	<0.2	<6.0
Y5010	Trip Blank	NR	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<6.0
QC-Quality Control		351,419	189.5	194.4	196.8	193.2	595.2	---	3,130
Air Blank		---	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<6.0
% Precision		NR	100	117	100	100	100	100	100
% Extraction Accuracy		100	---	83	93	83	87	50	---
% Instrument Accuracy		103	95	97	98	96	100	---	100

Note: 1 of 2 VOA vials of MW-6 and MW-7 were broken in transit.

METHODS: EPA SW 846-5020 USING AUTOMATED HEAD SPACE; EPA SW 846-8020; EPA 418.1.

BTEX SPIKE AND QC: Sample and Blank Spiked with 200 ppb EACH VOLATILE ORGANICS.

TRPHC SPIKE AND QC: Sample spiked with 19,950 ppb TRPHC and Blank spiked with 341,160 ppb TRPHC.

ACETONE SPIKE AND QC: Sample and Blank spiked with 5,000 ppb Acetone.

ISOPROPANOL SPIKE AND QC: Sample and Blank spiked with 3,140 ppb Acetone.

12/18/89

Director, Dr. Blair Leftwich

Asst. Dir., Dr. Bruce McDonell

Lab Supv., Chris Heltzel

Date

CIL CONSERVATION DIVISION
RECEIVED

'90 JAN 2 AM 9 45

D/S Artesia

500 E Richard

88821

George Tang

8746-9363

U.S.T. - offsite MW

200' Down
ground flow
Proximity zone

Benzene 16.3 $\mu\text{g}/\text{L}$



STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

GARREY CARRUTHERS
GOVERNOR

November 3, 1989

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

CERTIFIED MAIL
RETURN RECEIPT NO. P-106-675-189

Mr. Darwin Thompson
DOWELL SCHLUMBERGER INC.
P. O. Drawer H
Artesia, New Mexico 88210

RE: Wash Water Disposal - Artesia District

Dear Mr. Thompson:

The Oil Conservation Division (OCD) has received and evaluated your request, dated February 24, 1989, to dispose of your truck wash wastewater at the OCD approved Loco Hills Waster Disposal Facility. Based on the information in your request and analysis results on the water obtained by the OCD, your request is approved.

I apologize for the delay in reviewing your request, however, as you are aware, a number of samples were required due to the initial reporting of chlorobenzene in the results. After three separate samplings and analyses by the OCD, chlorobenzene was still being reported. After consultation with the analyst at the laboratory, a reevaluation of the results indicated the compound being identified as chlorobenzene by computer match was instead a long streightchain unmatchable hydrocarbon.

I thank you for your patience during this review, and if you have any questions, please do not hesitate to call me at (505) 827-5884.

Sincerely,

Roger C. Anderson
Environmental Engineer

RCA/sl

cc: OCD Artesia Office

Lab No.

Accu-LABS
77-521.07-12

ORGANIC ANALYSIS REQUEST FORM

14

REPORT TO: DAVID BOYER
N.M. OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, NM 87504-2088

Sample No. 8903311035
DATE REC. _____
PRIORITY _____
PHONE(S): 827-5812

COLLECTION CITY: Artesia; COUNTY: Eddy

COLLECTION DATE/TIME CODE: (Year-Month-Day-Hour-Minute) 8/9/03 13:11:10 315

LOCATION CODE: (Township-Range-Section-Tracts) _____ (10N08E24342)

SUBMITTER: David Boyer

SAMPLE TYPE: WATER , SOIL , FOOD , OTHER: _____

This form accompanies 2 Septum Vials, _____ Glass Jugs, and/or _____

Samples were preserved as follows:

- NP: No Preservation; Sample stored at room temperature.
- P-Ice: Sample stored in an ice bath (Not Frozen).
- P-AA: Sample Preserved with Ascorbic Acid to remove chlorine residual.
- P-HCl: Sample Preserved with Hydrochloric Acid (3 drops/40 ml)

ANALYSES REQUESTED: Please check the appropriate box(es) below to indicate the type of analytical screens required. Whenever possible list specific compounds suspected or required.

PURGEABLE SCREENS

- (753) Aliphatic Headspace (1-6 Carbons)
- (754) Aromatic & Halogenated Purgeables
- (755) Mass Spectrometer Purgeables
- (756) Trihalomethanes
- (774) SDWA VOC's I (8 Regulated +)
- (775) SDWA VOC's II (EDB & DBCP)
- Other Specific Compounds or Classes

EXTRACTABLE SCREENS

- (751) Aliphatic Hydrocarbons
- (755) Base/Neutral Extractables
- (758) Herbicides, Chlorophenoxy acid
- (759) Herbicides, Triazines
- (780) Organochlorine Pesticides
- (781) Organophosphate Pesticides
- (787) Polychlorinated Biphenyls (PCB's)
- (784) Polynuclear Aromatic Hydrocarbons
- (782) SDWA Pesticides & Herbicides

Remarks: _____

FIELD DATA:

pH= 7; Conductivity= 4500 umho/cm at 17 °C; Chlorine Residual= _____ mg/l

Dissolved Oxygen= _____ mg/l; Alkalinity= _____ mg/l; Flow Rate= _____ / _____

Depth to water _____ ft.; Depth of well _____ ft.; Perforation Interval _____ - _____ ft.; Casing: _____

Sampling Location, Methods and Remarks (i.e. odors, etc.)

D.S. (Service company)
truck wash water from tank in NE corner yard

I certify that the results in this block accurately reflect the results of my field analyses, observations and activities. (signature collector): David A Boyer Method of Shipment to the Lab: Freight Express

CHAIN OF CUSTODY

I certify that this sample was transferred from DB to DM
at (location) AKR on 4.5.89. 12.25 and that

the statements in this block are correct. Evidentiary Seals: Nos Sealed OR Seals Intact: Yes No

Signatures: David A Boyer

For OCD use: Date owner notified: _____ Phone or Letter? Initials _____

May 9, 1989
Page 13 of 18

Accu-Labs Research, Inc.

Mr. David Boyer
NM Oil Conservation Division

RECEIVED

MAY 17 1989

RE: 9649-29859-20
Date Samples Rec'd: 4-5-89
P.O. No. 77-521.07-123

OIL CONSERVATION DIV.
SANTA FE

REPORT OF ANALYSIS

ALR Designation	9649-29859-20-13	9649-29859-20-14	9649-29859-20-15
Sponsor Designation	8903290910	8903311035	8903310825
	3-29-89	3-31-89	3-31-89

GC/MS VOLATILE ORGANICS, µg/L:

Chloromethane	<2000 µg/kg	<100 µg/kg	<100
Bromomethane	<2000 µg/kg	<100 µg/kg	<100
Vinyl chloride	<2000 µg/kg	<100 µg/kg	<100
Chloroethane	<2000 µg/kg	<100 µg/kg	<100
Methylene chloride	<1000 µg/kg	<50 µg/kg	<50
1,1-Dichloroethene	<1000 µg/kg	<50 µg/kg	<50
1,1-Dichloroethane	<1000 µg/kg	<50 µg/kg	<50
Total 1,2-Dichloroethene	<1000 µg/kg	<50 µg/kg	<50
Chloroform	<1000 µg/kg	<50 µg/kg	<50
1,2-Dichloroethane	<1000 µg/kg	<50 µg/kg	<50
1,1,1-Trichloroethane	<1000 µg/kg	<50 µg/kg	<50
Carbon tetrachloride	<1000 µg/kg	<50 µg/kg	<50
Bromodichloromethane	<1000 µg/kg	<50 µg/kg	<50
1,2-Dichloropropane	<1000 µg/kg	<50 µg/kg	<50
c-1,3-Dichloropropene	<1000 µg/kg	<50 µg/kg	<50
Trichloroethene	<1000 µg/kg	<50 µg/kg	<50
Benzene	2300 µg/kg	<50 µg/kg	2800
Dibromochloromethane	<1000 µg/kg	<50 µg/kg	<50
1,1,2-Trichloroethane	<1000 µg/kg	<50 µg/kg	<50
t-1,3-Dichloropropene	<1000 µg/kg	<50 µg/kg	<50
2-Chloroethylvinyl ether	<1000 µg/kg	<50 µg/kg	<50
Bromoform	<1000 µg/kg	<50 µg/kg	<50
1,1,2,2-Tetrachloroethane	<1000 µg/kg	<50 µg/kg	<50
Tetrachloroethene	<1000 µg/kg	<50 µg/kg	<50

May 9, 1989
Page 14 of 18

Mr. David Boyer
NM Oil Conservation Division

RE: 9649-29859-20
Date Samples Rec'd: 4-5-89
P.O. No. 77-521.07-123

RECEIVED

MAY 17 1989
OIL CONSERVATION DIV.
SANTA FE

REPORT OF ANALYSIS

ALR Designation	9649-29859-20-13	9649-29859-20-14	9649-29859-20-15
Sponsor Designation	8903290910	8903311035	8903310825
	3-29-89	3-31-89	3-31-89

Determination: $\mu\text{g/L}$

Toluene	3500 $\mu\text{g/kg}$	700 $\mu\text{g/kg}$	1500
Chlorobenzene	<1000 $\mu\text{g/kg}$	<50 $\mu\text{g/kg}$	<50
Ethyl benzene	2600 $\mu\text{g/kg}$	140 $\mu\text{g/kg}$	270
Total Dichlorobenzenes	<1000 $\mu\text{g/kg}$	<50 $\mu\text{g/kg}$	<50
Total Xylenes	5000 $\mu\text{g/kg}$	580 $\mu\text{g/kg}$	410



2600 DUDLEY ROAD -- KILGORE, TEXAS 75662 -- 214/984-0551

Analytical Chemistry • Waste Treatment & Disposal • Equipment Sales

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AUG 21 1989

OIL CONSERVATION DIV.
SANTA FE

08/17/89

Environmental Bureau NM Oil D.
PO Box 2088
Santa Fe, NM 87504

Sample Identification: D/S Wash Water [REDACTED]
 Flow or other on site data: 2 Vials
 Collected by: Anderson
 Date & Time Taken: 07/27/89 0806
 Additional Sample Information: Dipped NF NA From valve at base of waste water tank north of wash pad
 Lab Sample Number: 149766 Received: 07/29/89

PARAMETER:	RESULTS	QUALITY CONTROL	ANALYZED ON AT	ANALYST
1,1,1-Trichloroethane, ug/l EPA Method 8010	(5)		08/04/89 0335	BP
1,1,2,2-Tetrachloroethane, ug/l EPA Method 8010	(5)		08/04/89 0335	BP
1,1,2-Trichloroethane, ug/l EPA Method 8010	(5)		08/04/89 0335	BP
1,1-Dichloroethane, ug/l EPA Method 8010	(5)		08/04/89 0335	BP
1,1-Dichloroethene, ug/l EPA Method 8010	(1)		08/04/89 0335	BP
1,2-Dichloroethane, ug/l EPA Method 8010	(5)		08/04/89 0335	BP
1,2-Dichloropropane, ug/l EPA Method 8010	(5)		08/04/89 0335	BP
2-Chloroethylvinyl ether, ug/l EPA Method 8010	(10)		08/04/89 0335	BP
Benzene, ug/l EPA Method 8020	170		08/04/89 0335	BP
Bromodichloromethane, ug/l EPA Method 8010	(5)		08/04/89 0335	BP

continued



RECEIVED

AUG 21 1989

Lab Sample Number: 149766 Continued

Page 2

OIL CONSERVATION DIV.
SANTA FE

PARAMETER:	RESULTS	QUALITY CONTROL	ANALYZED ON AT	ANALYST
Bromoform, ug/l EPA Method 8010	5		08/04/89 0335	BP
Bromomethane, ug/l EPA Method 8010	10		08/04/89 0335	BP
Carbon Tetrachloride, ug/l EPA Method 8010	5		08/04/89 0335	BP
Chlorobenzene, ug/l EPA Method 8010	20		08/04/89 0335	BP
Chloroethane, ug/l EPA Method 8010	10		08/04/89 0335	BP
Chloroform, ug/l EPA Method 8010	5		08/04/89 0335	BP
Chloromethane, ug/l EPA Method 8010	10		08/04/89 0335	BP
Cis-1,3-Dichloropropene, ug/l EPA Method 8010	5		08/04/89 0335	BP
Dibromochloromethane, ug/l EPA Method 8010	5		08/04/89 0335	BP
Ethyl benzene, ug/l EPA Method 8020	200		08/04/89 0335	BP
Freon, ug/l EPA Method 8010	5		08/04/89 0335	BP
Methylene Chloride, ug/l EPA Method 8010	5		08/04/89 0335	BP
Tetrachloroethene, ug/l EPA Method 8010	5		08/04/89 0335	BP
Toluene, ug/l EPA Method 8020	1600		08/04/89 0335	BP

*miss label & analyzed
in previous report
RAK*

continued



2600 DUDLEY ROAD — KILGORE, TEXAS 75662 — 214/984-0551

Analytical Chemistry • Waste Treatment & Disposal • Equipment Sales

AUG 21 1989

OIL CONSERVATION DIV.
SANTA FE

Lab Sample Number: 149766 Continued

Page 3

PARAMETER:	RESULTS	QUALITY CONTROL	ANALYZED ON AT	ANALYST
Trans-1,2-Dichloroethene, ug/l EPA Method 8010	(5		08/04/89 0335	BP
Trans-1,3-Dichloropropene, ug/l EPA Method 8010	(5		08/04/89 0335	BP
Trichloroethene, ug/l EPA Method 8010	(5		08/04/89 0335	BP
Vinyl Chloride, ug/l EPA Method 8010	(1		08/04/89 0335	BP
Xylenes, ug/l EPA Method 8020	800		08/04/89 0335	BP

C. H. Whiteside, Ph.D., President

Lab
No.

Accu-LABS
77-521.07-123

ORGANIC ANALYSIS REQUEST FORM

14

REPORT TO: DAVID BOYER
N.M. OIL CONSERVATION DIVISION
P.O. BOX 2088
Santa Fe, NM 87504-2088

Sample No. 8903311035
DATE REC. _____
PRIORITY _____
PHONE(S): 827-5812

COLLECTION CITY: Artesia; COUNTY: Eddy

COLLECTION DATE/TIME CODE: (Year-Month-Day-Hour-Minute) 8|9|03|3|11|03|5

LOCATION CODE: (Township-Range-Section-Tracts) _____ (10N06E24342)

SUBMITTER: David Boyer

SAMPLE TYPE: WATER , SOIL , FOOD , OTHER: _____

This form accompanies 2 Septum Vials, _____ Glass Jugs, and/or _____

Samples were preserved as follows:

- NP: No Preservation; Sample stored at room temperature.
- P-Ice: Sample stored in an ice bath (Not Frozen).
- P-AA: Sample Preserved with Ascorbic Acid to remove chlorine residual.
- P-HCl: Sample Preserved with Hydrochloric Acid (2 drops/40 ml)

ANALYSES REQUESTED: Please check the appropriate box(es) below to indicate the type of analytical screens required. Whenever possible list specific compounds suspected or required.

PURGEABLE SCREENS

- (753) Aliphatic Headspace (1-5 Carbons)
- (754) Aromatic & Halogenated Purgeables
- (765) Mass Spectrometer Purgeables
- (766) Trihalomethanes
- (774) SDWA VOC's I (8 Regulated +)
- (775) SDWA VOC's II (EDB & DBCP)
- Other Specific Compounds or Classes _____
- _____
- _____

EXTRACTABLE SCREENS

- (781) Aliphatic Hydrocarbons
- (755) Base/Neutral Extractables
- (758) Herbicides, Chlorophenoxy acid
- (759) Herbicides, Triazines
- (760) Organochlorine Pesticides
- (761) Organophosphate Pesticides
- (767) Polychlorinated Biphenyls (PCB's)
- (764) Polynuclear Aromatic Hydrocarbons
- (762) SDWA Pesticides & Herbicides

Remarks: _____

FIELD DATA:

pH= 7; Conductivity= 4500 umho/cm at 17 °C; Chlorine Residual= _____ mg/l

Dissolved Oxygen= _____ mg/l; Alkalinity= _____ mg/l; Flow Rate= _____

Depth to water _____ ft.; Depth of well _____ ft.; Perforation Interval _____ - _____ ft.; Casing: _____

Sampling Location, Methods and Remarks (i.e. odors, etc.)

D.S. (Service company)
truck wash water from tank in NE corner yard

I certify that the results in this block accurately reflect the results of my field analyses, observations and Freight activities. (signature collector): David H Boyer Method of Shipment to the Lab: Express

CHAIN OF CUSTODY

I certify that this sample was transferred from DB to DM

at (location) AK on 4|5|89|12|25 and that

the statements in this block are correct. Evidentiary Seals: Not Sealed OR Seals Intact: Yes No

Signatures: Clara A Maland

For OCD use: Date owner notified: _____ Phone or Letter? Initials _____

May 9, 1989
Page 13 of 18

RECEIVED

Mr. David Boyer
NM Oil Conservation Division

MAY 17 1989

RE: 9649-29859-20
Date Samples Rec'd: 4-5-89
P.O. No. 77-521.07-123

OIL CONSERVATION DIV.
SANTA FE

REPORT OF ANALYSIS

ALR Designation	9649-29859-20-13	9649-29859-20-14	9649-29859-20-15
Sponsor Designation	8903290910	8903311035	8903310825
	3-29-89	3-31-89	3-31-89

GC/MS VOLATILE ORGANICS, µg/L:

Chloromethane	<2000 µg/kg	<100 µg/kg	<100
Bromomethane	<2000 µg/kg	<100 µg/kg	<100
Vinyl chloride	<2000 µg/kg	<100 µg/kg	<100
Chloroethane	<2000 µg/kg	<100 µg/kg	<100
Methylene chloride	<1000 µg/kg	<50 µg/kg	<50
1,1-Dichloroethene	<1000 µg/kg	<50 µg/kg	<50
1,1-Dichloroethane	<1000 µg/kg	<50 µg/kg	<50
Total 1,2-Dichloroethene	<1000 µg/kg	<50 µg/kg	<50
Chloroform	<1000 µg/kg	<50 µg/kg	<50
1,2-Dichloroethane	<1000 µg/kg	<50 µg/kg	<50
1,1,1-Trichloroethane	<1000 µg/kg	<50 µg/kg	<50
Carbon tetrachloride	<1000 µg/kg	<50 µg/kg	<50
Bromodichloromethane	<1000 µg/kg	<50 µg/kg	<50
1,2-Dichloropropane	<1000 µg/kg	<50 µg/kg	<50
c-1,3-Dichloropropene	<1000 µg/kg	<50 µg/kg	<50
Trichloroethene	<1000 µg/kg	<50 µg/kg	<50
Benzene	2300 µg/kg	<50 µg/kg	2800
Dibromochloromethane	<1000 µg/kg	<50 µg/kg	<50
1,1,2-Trichloroethane	<1000 µg/kg	<50 µg/kg	<50
t-1,3-Dichloropropene	<1000 µg/kg	<50 µg/kg	<50
2-Chloroethylvinyl ether	<1000 µg/kg	<50 µg/kg	<50
Bromoform	<1000 µg/kg	<50 µg/kg	<50
1,1,2,2-Tetrachloroethane	<1000 µg/kg	<50 µg/kg	<50
Tetrachloroethene	<1000 µg/kg	<50 µg/kg	<50

May 9, 1989
Page 14 of 18

Mr. David Boyer
NM Oil Conservation Division

RE: 9649-29859-20
Date Samples Rec'd: 4-5-89
P.O. No. 77-521.07-123

RECEIVED

MAY 17 1989
OIL CONSERVATION DIV.
SANTA FE

REPORT OF ANALYSIS

ALR Designation	9649-29859-20-13	9649-29859-20-14	9649-29859-20-15
Sponsor Designation	8903290910	8903311035	8903310825
	3-29-89	3-31-89	3-31-89

Determination: $\mu\text{g/L}$

Toluene	3500 $\mu\text{g/kg}$	700 $\mu\text{g/kg}$	1500
Chlorobenzene	<1000 $\mu\text{g/kg}$	<50 $\mu\text{g/kg}$	<50
Ethyl benzene	2600 $\mu\text{g/kg}$	140 $\mu\text{g/kg}$	270
Total Dichlorobenzenes	<1000 $\mu\text{g/kg}$	<50 $\mu\text{g/kg}$	<50
Total Xylenes	5000 $\mu\text{g/kg}$	580 $\mu\text{g/kg}$	410



ANALYSIS REQUEST FORM

Contract Lab ANA-LAB Contract No. _____

OCD Sample No. 8907270806

Collection Date	Collection Time	Collected by—Person/Agency	
<u>7/27/89</u>	<u>0806</u>	<u>Anderson</u>	/OCD

SITE INFORMATION	
Sample location	<u>D/S WASH WATER</u>
Collection Site Description	<u>Sample from valve at base of waste water tank North of wash pad.</u>
	Township, Range, Section, Tract: + + +

SEND ENVIRONMENTAL BUREAU
 FINAL NM OIL CONSERVATION DIVISION
 REPORT PO Box 2088
 TO Santa Fe, NM 87504-2088

SAMPLE FIELD TREATMENT — Check proper boxes	
No. of samples submitted:	<u>2 Vials</u>
<input checked="" type="checkbox"/> NF: Whole sample (Non-filtered)	
<input type="checkbox"/> F: Filtered in field with 0.45 μ membrane filter	
<input type="checkbox"/> PF: Pre-filtered w/45 μ membrane filter	
<input checked="" type="checkbox"/> NA: No acid added	<input type="checkbox"/> A: 5ml conc. HNO ₃ added
<input type="checkbox"/> A: HCL	<input type="checkbox"/> A: 4ml fuming HNO ₃ added
<input type="checkbox"/> A: 2ml H ₂ SO ₄ /L added	

SAMPLING CONDITIONS	Water level
	Discharge
<input type="checkbox"/> Bailed <input type="checkbox"/> Pump <input checked="" type="checkbox"/> Dipped <input type="checkbox"/> Tap	Sample type <u>GRAB</u>
pH(00400)	Conductivity (Uncorrected) // mho
Water Temp. (00010)	Conductivity at 25° C μ mho

FIELD COMMENTS:

LAB ANALYSIS REQUESTED:

ITEM	DESC	METHOD	ITEM	DESC	METHOD	ITEM	DESC	METHOD
<input type="checkbox"/> 001	VOA	8020	<input type="checkbox"/> 013	PHENOL	604	<input type="checkbox"/> 026	Cd	7130
<input type="checkbox"/> 002	VOA	602	<input type="checkbox"/> 014	VOC	8240	<input type="checkbox"/> 027	Pb	7420
<input checked="" type="checkbox"/> 003	VOH	8010	<input type="checkbox"/> 015	VOC	624	<input type="checkbox"/> 028	Hg(L)	7470
<input type="checkbox"/> 004	VOH	601	<input type="checkbox"/> 016	SVOC	8250	<input type="checkbox"/> 031	Se	7740
<input type="checkbox"/> 005	SUITE	8010-8020	<input type="checkbox"/> 017	SVOC	625	<input type="checkbox"/> 032	ICAP	6010
<input type="checkbox"/> 006	SUITE	601-602	<input type="checkbox"/> 018	VOC	8260	<input type="checkbox"/> 033	CATIONS/ANIONS	
<input type="checkbox"/> 007	HEADSPACE		<input type="checkbox"/> 019	SVOC	8270	<input type="checkbox"/> 034	N SUITE	
<input type="checkbox"/> 008	PAH	8100	<input type="checkbox"/> 020	O&G	9070	<input type="checkbox"/> 035	NITRATE	
<input type="checkbox"/> 009	PAH	610	<input type="checkbox"/> 022	AS	7060	<input type="checkbox"/> 036	NITRITE	
<input type="checkbox"/> 010	PCB	8080	<input type="checkbox"/> 023	Ba	7080	<input type="checkbox"/> 037	AMMONIA	
<input type="checkbox"/> 011	PCB	608	<input type="checkbox"/> 024	Cr	7190	<input type="checkbox"/> 038	TKN	
<input type="checkbox"/> 012	PHENOL	8040	<input type="checkbox"/> 025	Cr6	7198	<input type="checkbox"/>	OTHER	



**DOWELL SCHLUMBERGER
INCORPORATED**

Darwin Thompson
Dowell Schlumberger Inc.
P.O. Drawer H
Artesia, NM 88210

February 24, 1989

Roger Anderson
Oil Conservation Div.
P.O. 2088
Santa Fe, NM 87054

Dear Mr. Anderson:

I have enclosed results of the analysis of the truck wash waste water from the Artesia District of Dowell Schlumberger Inc.

I am requesting your approval to dispose of this waste water at the Loco Hills Water Disposal facility in Loco Hills, NM.

If you have any questions please call myself at (505) 746-9363 or Charlie Madden in Tulsa, OK at (918) ~~560-2600~~.

(918) 250 4200

Thank you for your consideration of this matter.

Sincerely,

Darwin Thompson
Maintenance Supv.

rm

Enc. (2)





SOUTHWESTERN LABORATORIES

119904

Materials, environmental and geotechnical engineering, nondestructive, metallurgical and analytical services
1703 W. Industrial Avenue [915 - 683-3348] • P.O. Box 2150 • Midland, Texas 79702

File No. _____

Report No. 40684

Report Date 9-6-88

Date Received 8-2-88

Delivered By LLC

Report of tests on: Water
Client: Dowell Schlumberger
Identification: Water sample

	<u>mg/L</u>
Benzene -----	0.020
Toluene -----	0.030
Chlorobenzene -----	0.031
Ethylbenzene -----	0.095
1, 2 - Dichlorobenzene -----	*0.001
1, 3 - Dichlorobenzene -----	*0.001
1, 4 - Dichlorobenzene -----	*0.001

* Denotes "less than"
Reference: EPA Method 602, Purgeable Aromatics

40 I.F.R. 262.11 HW Determination

Technician: REL

Copies Dowell Schlumberger
Drawer H, Artesia, NM 88210
Attn: Darwin Thompson

Tulsa: Charles Maddin

SOUTHWESTERN LABORATORIES

Larry M. Bunch



SOUTHWESTERN LABORATORIES

119904

Materials, environmental and geotechnical engineering, nondestructive, metallurgical and analytical services

1703 W. Industrial Avenue [915 - 683-3348] • P.O. Box 2150 • Midland, Texas 79702

File No. _____

Report No. 40684Report Date 9-7-88Report of tests on: **Water**Date Received 8-2-88Client: **Dowell Schlumberger**Delivered By LLCIdentification: **Water Sample**

VOLATILE HYDROCARBONS

	<u>PPM</u>
Bromodichloromethane -----	* 0.001
Bromoform -----	* 0.001
Carbon tetrachloride -----	* 0.001
Chlorobenzene -----	0.029
2-Chloroethylvinyl ether -----	* 0.001
Chloroform -----	* 0.001
Dibromochloromethane -----	* 0.001
1,2-Dichlorobenzene -----	* 0.001
1,3-Dichlorobenzene -----	* 0.001
1,4-Dichlorobenzene -----	* 0.001
1,1-Dichloroethane -----	* 0.001
1,2-Dichloroethane -----	* 0.001
1,1-Dichloroethene -----	* 0.001
trans-1,2-Dichloroethene -----	* 0.001
1,2-Dichloropropane -----	* 0.001
cis-1,3-Dichloropropene -----	* 0.001
trans-1,3-Dichloropropene -----	* 0.001
Methylene chloride -----	* 0.010
1,1,2,2-Tetrachloroethane -----	* 0.001
Tetrachloroethene -----	* 0.001
1,1,1-Trichloroethane -----	0.005
1,1,2-Trichloroethane -----	* 0.001
Trichloroethene -----	* 0.001

* Denotes "less than"

Reference: EPA Method 601, Purgeable Halocarbons

Technician: **REL**Copies **1cc Dowell Schlumberger, Artesia, NM**
1cc Dowell Schlumberger, Tulsa, OK

SOUTHWESTERN LABORATORIES



**NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT**

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

August 4, 1997

ARTESIA DAILY PRESS
P. O. Box 190
Artesia, New Mexico 88211

RE: NOTICE OF PUBLICATION

ATTN: ADVERTISING MANAGER

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 August 11, 1997.

Sincerely,

Sally E. Martinez
Sally E. Martinez
Administrative Secretary

Attachment

P 269 262 853

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail (See reverse)
Sent to

Street & Number	Artesia Daily Press
Post Office	P.O. Drawer 179
City, State, ZIP Code	Artesia, NM 88210
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	PAF

PS Form 3800, April 1995



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

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

August 4, 1997

THE NEW MEXICAN
202 E. Marcy
Santa Fe, New Mexico 87501

RE: NOTICE OF PUBLICATION

PO #96-199-002997

ATTN: Betsy Perner

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.*
- 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 on Friday, August 8, 1997.

Sincerely,

Sally E. Martinez
Sally E. Martinez
Administrative Secretary

Attachment

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

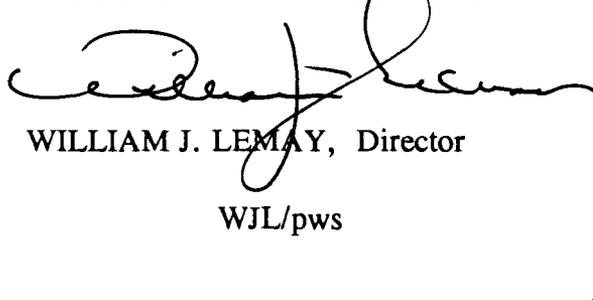
(GW-114) -Dowell, A Division of Schlumberger Technology Corporation, Mr. Lynn Northcutt, (505)-748-1392, 507 East Richey, Artesia, NM, 88210, has submitted a Discharge Plan Renewal Application for their Artesia Service facility located in the S/2 SW/4, Section 4, Township 17 South, Range 26 East, NMPM, Eddy County, New Mexico. The renewal application also includes a work plan for cleaning up vadose zone and groundwater contamination beneath the facility. All other potential discharges at the facility will be stored in a closed top receptacle, or captured on pad and curb type containment. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 20 feet with a total dissolved solids concentration of approximately 2,800 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 renewal application may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and a public hearing may be requested by any interested person. Requests for a public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is significant public interest.

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

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 1st day of August, 1997.

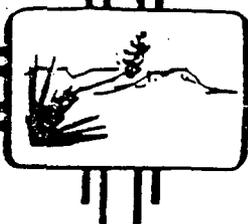
STATE OF NEW MEXICO
OIL CONSERVATION DIVISION



WILLIAM J. LEMAY, Director

WJL/pws

S E A L



BRUCE KING
Governor

DENNIS BOYD
Secretary

MICHAEL J. BURKHART
Deputy Secretary

RICHARD MITZELFELT
Director

March 4, 1991

Ms. Susan Fields
Western Water Consultants
611 Skyline Road, P.O. Box 4128
Laramie, WY 82071

RE: REQUESTED EXTENSION OF REPORTING DEADLINES FOR DOWELL-SCHLUMBERGER FACILITY IN ARTESIA, NEW MEXICO

Dear Ms. Fields:

The New Mexico Environmental Improvement Division (EID) has reviewed your request for an extension of the time deadline to March 29, 1991 for submittal of the hydrogeologic investigation report for the Dowell-Schlumberger (DS) facility in Artesia, New Mexico. In our telephone conversation of February 25, 1991 and in your letter of the same date, you stated that the extension was being requested to allow adequate time for review of the already completed report by DS. EID judges this to be an adequate reason for extending the deadline. EID therefore grants the requested extension. The hydrogeologic investigation report will now be due on March 29, 1991.

If you have any questions, please call me at (505) 827-0215.

Sincerely,

Steve Wild
Water Resource Specialist
Underground Storage Tank Bureau

cc: John Miller (Dowell-Schlumberger, P.O. Box 4378,
Houston, TX 77210)
EID District IV Office

New Mexico Health and Environment Department



GARREY CARRUTHERS
Governor

DENNIS BOYD
Secretary

MICHAEL J. BURKHART
Deputy Secretary

RICHARD MITZELFELT
Director

Mr. John A Miller
Environmental Coordinator
Dowell-Schlumberger, Inc.
P.O. Box 4378
Houston, TX 77210

RE: REQUEST FOR EXTENSION OF TIME FOR SUBMISSION OF HYDROGEOLOGIC INVESTIGATION REPORT FOR DOWELL-SCHLUMBERGER, ARTESIA, NEW MEXICO

Dear Mr. Miller:

The New Mexico Environmental Improvement Division has received your January 8, 1991 request for extension of the deadline for submission of the hydrogeologic investigation report for the Dowell-Schlumberger (DS) site in Artesia, New Mexico. In your letter, you stated that difficulty obtaining a driller over the Christmas holiday season and the length of time required to perform laboratory analyses on the soil and ground-water samples that will be collected during the hydrogeologic investigation are the reasons for the requested extension. EID considers these to be valid reasons why the hydrogeologic investigation report cannot be submitted by February 1, 1991 within the 45 day deadline. EID therefore grants your request for an extension of the deadline for submission of the hydrogeologic investigation report from February 1, 1991 to March 1, 1991.

EID appreciates your good faith efforts thus far in characterizing the extent of contamination at the Dowell-Schlumberger site in Artesia. Thank you for your cooperation. If you have any questions, please call me at (505) 827-0215.

Sincerely,

Steve Wild
Water Resource Specialist
Underground Storage Tank Bureau

cc: EID District IV Office
Robin Daly
(Western Water Consultants, 611 Skyline Road, Laramie, WY 82070)

GARREY CARRUTHERS
Governor

DENNIS BOYD
Secretary

MICHAEL J. BURKHART
Deputy Secretary

RICHARD MITZELFELT
Director

December 20, 1990

Ms. Robin Daly
Western Water Consultants
611 Skyline Road
Laramie, WY 82070

RE: REQUESTED INFORMATION ON DOWELL-SCHLUMBERGER CASE IN ARTESIA,
NEW MEXICO AND REQUESTED NEW MEXICO UNDERGROUND STORAGE TANK
REGULATIONS

Dear Ms. Daly:

This letter follows our telephone conversation of December 20, 1990. Enclosed you will find copies of the documents you requested from the Dowell-Schlumberger case file and current New Mexico Underground Storage Tank Regulations (USTR) and the current New Mexico Water Quality Control Commission Regulations (NMWQCCR). The documents inclosed are as follows:

1. a letter and attachments from Mr. Donald Kiddy to Mr. Allan Schmidt dated November 8, 1989,
2. a letter and attachments from Mr. Steven Tischer to Miss Suzanne Fouty dated September 29, 1989, and
3. a letter and attachments from Mr. Allan Schmidt to Miss Suzanne Fouty dated April 4, 1990.

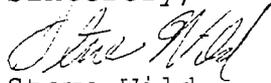
Part 12 of the USTR sets forth the corrective action regulations for releases from underground storage tanks. Appendix G of Part 12 contains a corrective action flowchart. USTR 1210 describes the hydrogeologic investigation and the hydrogeologic investigation report that is due by February 1, 1991. This report must contain all of the items described in USTR 1210C.

USTR 1219 describes the criteria which must be met before the New Mexico Environmental Improvement Division (EID) will consider reclamation complete at a UST site where ground water has been contaminated. Part 2 of the NMWQCCR describes the water quality criteria which must be met under USTR 1219. Part 3 NMWQCCR sets forth the regulations for dischargers onto or below the ground surface.

Ms. Robin Daly
December 20, 1990
Page 2

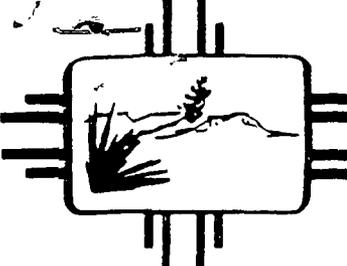
If you have any questions regarding the Dowell-Schlumberger case or the UST regulations, please call me at (505) 827-0215. If you have any questions regarding discharge plans required under Part 3 of the NMWQCCR, please contact Ernie Rebuck of the EID Ground Water Bureau at (505) 827-2900. Thank you for your cooperation.

Sincerely,



Steve Wild
Water Resource Specialist
Underground Storage Tank Bureau

cc: EID District IV Office



New Mexico Health and Environment Department

GARREY CARRUTHERS
Governor

DENNIS BOYD
Secretary

MICHAEL J. BURKHART
Deputy Secretary

RICHARD MITZELFELT
Director

December 10, 1990

Mr. John Miller
Environmental Coordinator
Dowell-Schlumberger
1155 N. Dairy Ashford, Ste. 600
Houston, TX 77079

RE: REQUESTED UNDERGROUND STORAGE TANK REGULATIONS AND DOWELL-SCHLUMBERGER SITE IN ARTESIA, NEW MEXICO

Dear Mr. Miller:

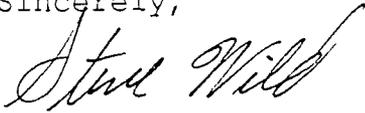
Enclosed you will find the copy of the current New Mexico Underground Storage Tank Regulations (USTR) that you requested in our telephone conversation of December 7, 1990. Part XII of the USTR contains the remedial action regulations for petroleum releases from underground storage tanks (UST's). Part XIII of the USTR contains the remedial action regulations for releases of hazardous substances as defined in USTR 102.U.

Parts XII and XIII of the USTR both became effective July 13, 1990. Thus, pursuant to USTR 1210, the hydrogeologic investigation report for the Dowell-Schlumberger (D-S) site in Artesia, New Mexico was due on September 25, 1990 and is currently 76 days overdue. However, the New Mexico Environmental Improvement Division (EID) is aware that you became the Environmental Coordinator for D-S in April, 1990 and have been unaware of the situation at the D-S site in Artesia. In consideration of these facts and your good faith effort thus far in delineating the extent of contamination and initiating a clean up at the site, EID is extending the deadline for submission of the hydrogeologic investigation report. EID understands that you intend to make a site visit during the week of December 16-22, 1990. EID requires that you submit the hydrogeologic investigation report for this site within 45 days of your December, 1990 site visit. The report must contain all of the items described in USTR 1210.C and D. All subsequent deadlines shall apply to the date of submission of the hydrogeologic investigation report. Thus, pursuant to USTR 1212, EID requires that a reclamation proposal be submitted to EID within 30 days of the submission of the hydrogeologic investigation report. If you require an extension of any of the time deadlines set forth in USTR, Part XII, pursuant to USTR 1221, you must apply for such an extension in writing before the expiration of the deadline for which the extension is sought.

Mr. John Miller
December 10, 1990
Page 2

EID appreciates your prompt response to our inquiries regarding the D-S site in Artesia. If you have any questions, please call me at (505) 827-0215. Thank you for your cooperation.

Sincerely,



Steve Wild
Water Resource Specialist
Underground Storage Tank Bureau

cc: EID District IV Office
EID Clovis Field Office