1R - 213

GENERAL CORRESPONDENCE

YEAR(S):

1995-1994

State of New Mexico
ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT
Santa Fe, New Mexico 87505
OIL CONSERVATION DIVISION
2040 S. Pacheco St.
Santa Fe, New Mexico 87505

New Mexico DRUG FREE It's a State of Mind!

January 12, 1995

CERTIFIED MAIL
RETURN RECEIPT NO. P-667-242-203

Mr. Kevin Brooks
Reef Chemical Corporation
2559 West I-20
Odessa, Texas 79766

RE: REEF CHEMICAL HOBBS FACILITY

Dear Mr. Brooks:

The New Mexico Oil Conservation Division (OCD) is in receipt of Reef Chemical Corporation's (RCC) November 23, 1994 "POSSIBLE GROUND WATER CONTAMINATION, 4700 CARLSBAD HIGHWAY, HOBBS, NEW MEXICO" and November 28, 1994 "REEF CHEMICAL CORPORATION, 4700 CARLSBAD HIGHWAY, HOBBS, NM, CORRECTION TO NOTIFICATION OF POSSIBLE GROUND WATER CONTAMINATION" which were submitted on behalf of RCC by their consultant F.A. International, Inc. These documents contain notification to the OCD of a water well at RCC's Hobbs Facility containing ground water contaminated with chloride and total dissolved solids in excess of New Mexico Water Quality Control Commission ground water standards.

The OCD requests that RCC provide the OCD with any available information related to potential onsite or offsite contaminant sources at RCC's Hobbs Facility.

The OCD thanks you for bringing this matter to our attention.

If you have any questions, please contact me at (505) 827-7154.

Sincerely,

William C. Olson
Hydrogeologist
Environmental Bureau

xc: Jerry Sexton, OCD Hobbs District Supervisor
Wayne Price, OCD Hobbs District 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

P 667 242 203

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F.A. INTERNATIONAL, INC.
CONSULTING SERVICES

P.O. BOX 60841
MIDLAND, TX 79711
TEL.: (915) 333-2255
(915) 367-8777
FAX: (915) 333-3317

November 28, 1994

Mr. Roger Anderson
Environmental Bureau Chief
New Mexico Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

RE: REEF CHEMICAL CORPORATION; 4700 CARLSBAD HIGHWAY, HOBBS, NM CORRECTION TO NOTIFICATION OF POSSIBLE GROUND WATER CONTAMINATION

Dear Mr. Anderson,

This is to correct the earlier notification dated November 23, 1994 of possible ground water contamination wherein we informed you that Reef Chemical did not use the water at that site since the yard was connected to city water. We were in error about the city water connection. This site does not have a connection to city water. Bottled water is purchased for drinking purposes at this site.

If you should have any questions, please feel free to contact me at (915) 333-2255.

Sincerely,

Frank J. Call
Safety Consultant

FJC/elr

cc: Wayne Price, New Mexico Oil Conservation Division
Kevin Brooks, Reef Chemical
File

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MIDLAND, TX 79711
TEL.: (915) 333-2255
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FAX: (915) 333-3317

November 23, 1994

Mr. Roger Anderson
Environmental Bureau Chief
New Mexico Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

RE: POSSIBLE GROUND WATER CONTAMINATION
4700 CARLSBAD HIGHWAY, HOBBS, NEW MEXICO

Dear Sir,

As part of our due diligence for Reef Chemical, prior to leasing the above listed yard in Hobbs, New Mexico we collected a water sample from a water well located on the property. This sample (a copy attached) revealed high chloride content, very hard water, and high dissolved solids count.

During a recent visit to this site by Wayne Price of your office in Hobbs, Reef Chemical was informed of a need to advise you personally about this possible contamination. Reef Chemical is the leaser of the property and this contamination existed at this site prior to Reef Chemical taking possession of the yard. Reef Chemical does not use this water supply as the site is supplied by city water. It is the intention of Reef Chemical to meet all environmental rules and regulations and to be in compliance at all times.

If you should have any questions about this problem, please do not hesitate to contact me at (915) 333-2255.

Sincerely,

Frank J. Call
Safety Consultant

FJC/elr

Enclosure

cc: Wayne Price, New Mexico Oil Conservation Division
Kevin Brooks, Reef Chemical
File

DATE COLLECTED	DATE RECEIVED	DATE COMPLETED	SAMPLE CODE
03/22/94	03/23/94	04/05/94	9630916

CUSTOMER ADDRESS

FRANK CALL
817 CENTRAL
ODESSA, TX 79761-

DEALER ADDRESS

WATERCHECK / NATIONAL TESTING LABORATORIES INC.
6555 Wilson Mills Road
Cleveland, OH 44143
(216) 449-2525

DRINKING WATER ANALYSIS RESULTS

NOTE: "*" indicates that the MCL (Maximum Contaminant Level) has been exceeded, or in the case of pH is either too high OR too low.
"ND" indicates that none of this contaminant has been detected at or above our detection level.
"**" Result may be invalid due to lack of "Time Collected" or because the sample has exceeded the 30-hour time frame.
"BD" Bacteria destroyed due to lack of collection information or because the sample has exceeded the 48-hour time frame.
TNTC-Too Numerous To Count NBS-No Bacteria Submitted

Analysis performed	MCL (mg/l)	Detection Level	Level Detected
Microbiological:			
Total coliform (organism/100ml)	0	0	ND
Inorganic chemicals - metals:			
Aluminum	0.2	0.1	ND
Arsenic	0.05	0.010	0.016
Barium	2.0	0.30	ND
Cadmium	0.005	0.002	ND
Chromium	0.1	0.004	ND
Copper	1.3	0.004	0.015
Iron	0.3	0.020	0.36*
Lead	0.015	0.002	ND
Manganese	0.05	0.004	0.017
Mercury	0.002	0.001	ND
Nickel	0.1	0.02	ND
Selenium	0.05	0.002	ND
Silver	0.1	0.002	ND
Sodium	---	1.0	680
Zinc	5.0	0.004	0.36
Inorganic chemicals - other, and physical factors:			
Alkalinity (Total as CaCO3)	---	10.0	190
Chloride	250	5.0	1255*
Fluoride	4.0	0.5	2.6
Nitrate as N	10	0.5	2.6
Nitrite as N	1.0	0.5	ND
Sulfate	250	5.0	107
Hardness (suggested limit = 100)		10.0	510*
pH (Standard Units)	6.5-8.5	---	7.4
Total Dissolved Solids	500	20.0	2365*
Turbidity (Turbidity Units)	1.0	0.1	0.9
Organic chemicals - trihalomethanes:			
Bromoform	---	0.004	ND
Bromodichloromethane	---	0.002	ND
Chloroform	---	0.002	ND
Dibromochloromethane	---	0.004	ND
Total THMs (sum of four above)	0.1	0.002	ND
Organic chemicals - volatiles:			
Benzene	0.005	0.001	ND
Vinyl Chloride	0.002	0.001	ND
Carbon Tetrachloride	0.005	0.001	ND
1,2-Dichloroethane	0.005	0.001	ND

Analysis performed	MCL (mg/l)	Detection Level	Level Detected
Trichloroethylene	0.005	0.001	ND
1,4-Dichlorobenzene	0.075	0.001	ND
1,1-Dichloroethylene	0.007	0.001	ND
1,1,1,-Trichloroethane	0.20	0.001	ND
Bromobenzene	---	0.002	ND
Bromomethane	---	0.002	ND
Chlorobenzene	0.1	0.001	ND
Chloroethane	---	0.002	ND
Chloromethane	---	0.002	ND
2-Dichlorotoluene	---	0.001	ND
4-Dichlorotoluene	---	0.001	ND
Dibromochloropropane (DBCP)	---	0.001	ND
Dibromomethane	---	0.002	ND
1,2-Dichlorobenzene	0.6	0.001	ND
1,3-Dichlorobenzene	---	0.001	ND
Dichlorodifluoromethane	---	0.002	ND
1,1-Dichloroethane	---	0.002	ND
Trans-1,2-Dichloroethylene	0.1	0.002	ND
cis-1,2-Dichloroethylene	0.07	0.002	ND
Dichloromethane	0.005	0.002	ND
1,2-Dichloropropane	0.005	0.002	ND
trans-1,3-Dichloropropene	---	0.002	ND
1-3-Dichloropropene	---	0.002	ND
2,2-Dichloropropane	---	0.002	ND
1,1-Dichloropropene	---	0.002	ND
1,3-Dichloropropane	---	0.002	ND
Ethylbenzene	0.7	0.001	ND
Ethylenedibromide (EDB)	---	0.001	ND
Styrene	0.1	0.001	ND
1,1,1,2-Tetrachloroethane	---	0.002	ND
1,1,2,2-Tetrachloroethane	---	0.002	ND
Tetrachloroethylene (PCE)	0.005	0.002	ND
1,2,3-Trichlorobenzene	---	0.002	ND
1,2,4-Trichlorobenzene	---	0.002	ND
1,1,2-Trichloroethane	0.005	0.002	ND
Trichlorofluoromethane	---	0.002	ND
1,2,3-Trichloropropane	---	0.002	ND
Toluene	1.0	0.001	ND
Xylene	10	0.001	ND

ertify that the analyses performed for this report are accurate, and that the laboratory tests were conducted methods approved by the U.S. Environmental Protection Agency or variations of these EPA methods.

ese test results are intended to be used for informational purposes only and may not be used for regulatory mpliance.

ESIDENT, NATIONAL TESTING LABORATORIES, INC.

REV. 3-92

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

BRUCE KING
GOVERNOR

POST OFFICE BOX 1980
HOBBS, NEW MEXICO 88241-1980
(505) 393-6161

NMOCD Inter-Correspondence

To: Roger Anderson-Environmental Bureau Chief

From: Wayne Price-Environmental Engineer District I

Date: December 6, 1994

Reference: NMOCD District I Action Plan for contaminated water wells.

Subject: Water Well Study In The Hobbs Airport-Carlsbad Highway Area.

Comments:

Dear Roger,

Jerry has requested that I send you information (see attachment) concerning possible water well contamination at two service companies located on the Carlsbad highway across from the Hobbs Airport and Country Club. These companies are Reef Chemical and Nowsco (previsiously Acid Engineering Co. DP # GW-017).

These two companies are in close proximity to the Scurlock Permian Brine well DP # BW -012. Jerry has indicated to me that this brine station has had a history of repeated leaks and spills.

The District's plan of action at this time is to set up a meeting with Permian and arrange for them to use the water out of the Reef well. Over a period of time this should clean up the well.

Also during our investigation it was discovered that another service company (Davis Tool Co.) was discharging their waste water into a leech\drain field. We have recommended to them that they should probably change their operation. We are planning on checking on this in three months to give them ample opportunity to complete this change.

Please don't hesitate to call or write if you require more information concerning these issues. Also, we appreciate any recommendations you might have on these procedures.

cc: Jerry Sexton-District I Supervisor

Attachments-1

STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE

BRUCE KING
GOVERNOR

POST OFFICE BOX 1980
HOBBS, NEW MEXICO 88241-1980
(505) 393-6161

NMOCD Inter-Correspondence

To: Jerry Sexton-District I Supervisor

From: Wayne Price-Environmental Engineer District I

Date: November 28, 1994

Reference: Requested Information for Jerry Sexton.

Subject: **Water Well Study In The Hobbs Airport- Carlsbad Highway Area.**

Comments:

Dear Jerry,

Please find enclosed the analytical results of the field samples taken from various water wells located near the Hobbs Airport. I have also included a map showing the location of the wells.

Please note that well #4 (Nowsco) and well #5 (Reef Chemical) exceeded the ground water standards set by the State of New Mexico. The results for Reef were actually derived from previous analytical work submitted to the NMOCD by Reef. I have included these results for your review.

Please note that during my visit to collect water well samples at the Davis Tool Co., I discovered that they are presently discharging waste water from their facility into a septic\leech field. Also, it appears they have not segregated their present waste streams of exempt and non-exempt waste. From discussions with the owner, Mr. Butch McCarty, who recently purchased this business, is unaware of any wrong doing.

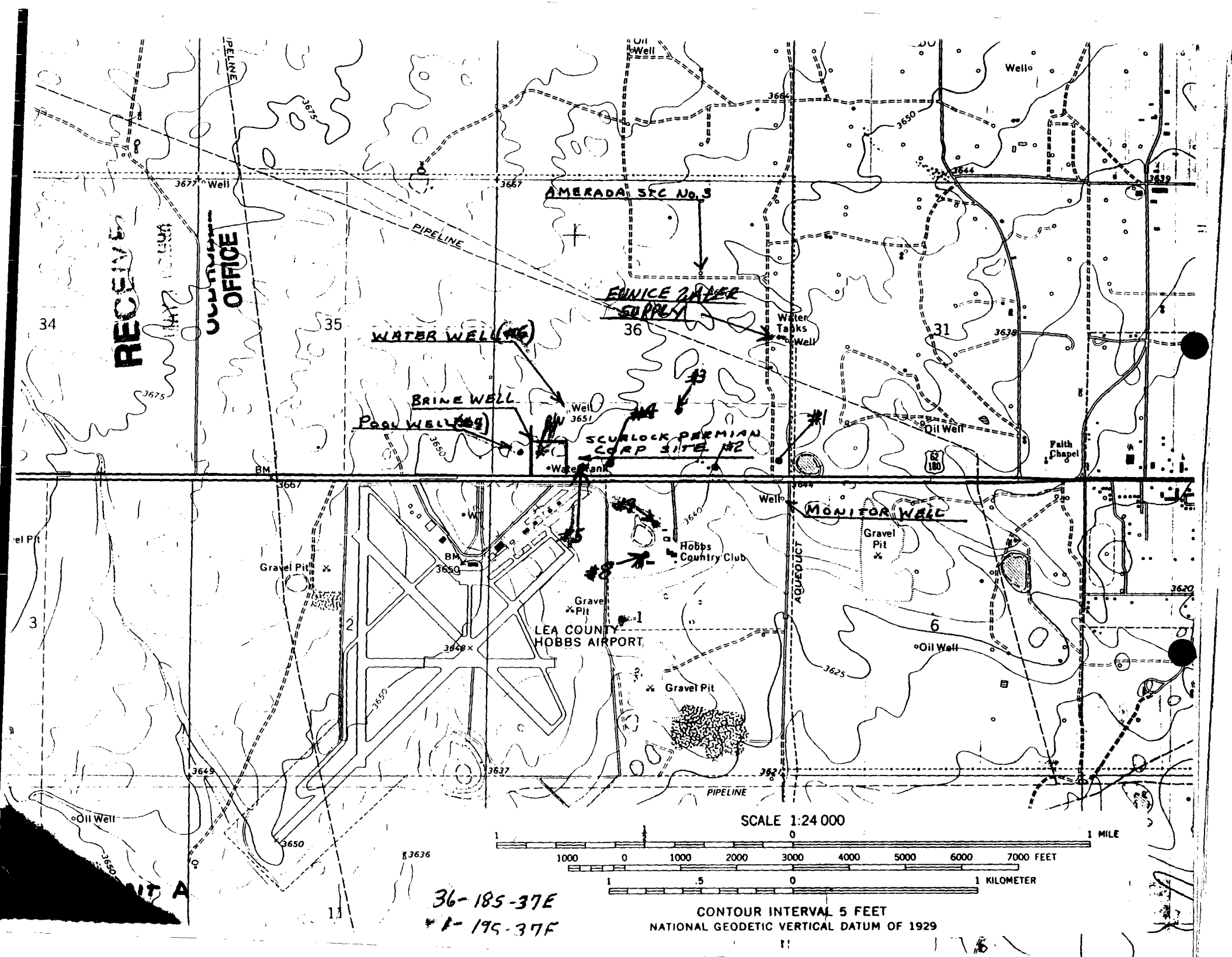
Please advise on what actions we should take on this matter concerning Davis Tool Co.

Recommendations:

In keeping with our NMOCD Environmental Bureau's policy, I informed the two companies listed above that they should notify our Environmental Bureau of possible ground water contamination. Also, Roger Anderson has ask me to always copy him on any site visits to such facilities. I have done this with copies already sent to you. I have not notified them of Davis Tool Co. visit as of to date. I will wait until I discuss the matter with you.

Please advise and let me know what we should do next or if you need any further information or need my assistance.

Thanks!



36-18S-37E
1-19S-37E

Water Well Study Hobbs
Airport Area

Name:	Address\location:	Chlorides: ppm	Conductivity: umhos	Volatiles: btex: ova
#1 Davis Tool	4700 Carlsbad hwy	127	750	nd
#2 Penroc		21	500	nd
#3 Reeco Well Ser.	Carlsbad hwy	35	480	nd
#4 Nowsco	5514 Carlsbad hwy	480	1690	nd
#5 Reef Chem.	5700 Carlsbad hwy.	1255 *	2365 tds *	nd *
#6 Permian	1/4 mi north of Reef	42	500	nd
#7 Pool Co.	5730 Carlsbad hwy	35	480	nd
Hobbs Country Club:				
#8 Jockey pump well		35	610	nd
#9 Swimming Pool(OLD)		57	620	nd
City of HObbS	1000 w. Bdwy.	103	720	nd
Blank Water		<1	7	nd

Note:
1. All water samples were water white clear and no visible solids present.
2. All water samples were field screened for volatile organics using a PID and olfactory senses; none were detected by these methods and are marked as "nd".

* 3. Chemical analysis for Reef Chemical were supplied to NMOCD by Reef. ; no water sample taken.

4. See attached map for reference to water well locations. They are shown as #(1) for example.

F.A. INTERNATIONAL, INC.
CONSULTING SERVICES

P.O. BOX 60841
MIDLAND, TX 79711
TEL.: (915) 333-2255
(915) 367-8777
FAX: (915) 333-3317

called Frank Call
He will send in
letter of confirmation!
cc: J Sexton

November 23, 1994

Mr. Roger Anderson
Environmental Bureau Chief
New Mexico Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

RE: POSSIBLE GROUND WATER CONTAMINATION
4700 CARLSBAD HIGHWAY, HOBBS, NEW MEXICO

Dear Sir,

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If you should have any questions about this problem, please do not hesitate to contact me at (915) 333-2255.

Sincerely,

Frank J. Call

not true! used city of Hobbs!

Frank J. Call
Safety Consultant

FJC/elr

Enclosure

cc: Wayne Price, New Mexico Oil Conservation Division
Kevin Brooks, Reef Chemical
File

RECEIVED
NOV 28 1994
OCD HOBBS OFFICE

 Sample code: 9630916

Analysis performed	MCL (mg/l)	Detection Level	Level Detected
Trichloroethylene	0.005	0.001	ND
1,4-Dichlorobenzene	0.075	0.001	ND
1,1-Dichloroethylene	0.007	0.001	ND
1,1,1,-Trichloroethane	0.20	0.001	ND
Bromobenzene	---	0.002	ND
Bromomethane	---	0.002	ND
Chlorobenzene	0.1	0.001	ND
Chloroethane	---	0.002	ND
Chloromethane	---	0.002	ND
2-Dichlorotoluene	---	0.001	ND
4-Dichlorotoluene	---	0.001	ND
Dibromochloropropane (DBCP)	---	0.001	ND
Dibromomethane	---	0.002	ND
1,2-Dichlorobenzene	0.6	0.001	ND
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1,1,2-Trichloroethane	0.005	0.002	ND
Trichlorofluoromethane	---	0.002	ND
1,2,3-Trichloropropane	---	0.002	ND
Toluene	1.0	0.001	ND
Xylene	10	0.001	ND

certify that the analyses performed for this report are accurate, and that the laboratory tests were conducted u methods approved by the U.S. Environmental Protection Agency or variations of these EPA methods.

hese test results are intended to be used for informational purposes only and may not be used for regulatory mpliance.

RESIDENT, NATIONAL TESTING LABORATORIES, INC.

REV. 3-92

[illegible]	05/23/94	04/05/94	9630916

CUSTOMER ADDRESS

FRANK CALL
817 CENTRAL
ODESSA, TX 79761-

DEALER ADDRESS

WATERCHECK / NATIONAL TESTING LABORATORIES INC.
6555 Wilson Mills Road
Cleveland, OH 44143
(216) 449-2525

DRINKING WATER ANALYSIS RESULTS

NOTE: "*" indicates that the MCL (Maximum Contaminant Level) has been exceeded, or in the case of pH is either too high OR too low.
"ND" indicates that none of this contaminant has been detected at or above our detection level.
"**" Result may be invalid due to lack of "Time Collected" or because the sample has exceeded the 30-hour time frame.
"BD" Bacteria destroyed due to lack of collection information or because the sample has exceeded the 48-hour time frame.
TNTC-Too Numerous To Count NBS-No Bacteria Submitted

Analysis performed	MCL (mg/l)	Detection Level	Level Detected
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Mercury	0.002	0.001	ND
Nickel	0.1	0.02	ND
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Sodium	--	1.0	680
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Chloride	250	5.0	1255*
Fluoride	4.0	0.5	2.6
Nitrate as N	10	0.5	2.6
Nitrite as N	1.0	0.5	ND
Sulfate	250	5.0	107
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Chloroform	---	0.002	ND
Dibromochloromethane	---	0.004	ND
Total THMs (sum of four above)	0.1	0.002	ND
Organic chemicals - volatiles:			
Benzene	0.005	0.001	ND
Vinyl Chloride	0.002	0.001	ND
Carbon Tetrachloride	0.005	0.001	ND
1,2 Dichloroethane	0.005	0.001	ND