



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**GARY E. JOHNSON**

Governor

Jennifer A. Salisbury

Cabinet Secretary

Lori Wrotenbery

Director

Oil Conservation Division

November 22, 2000

Mr. Jay Anthony  
P.O. Box 398  
Jal, New Mexico 88252

**RE: WATER WELL SAMPLE ANALYSES**

Dear Mr. Anthony:

Enclosed you will find a copy of the laboratory analytical results of the water samples that the New Mexico Oil Conservation Division (OCD) obtained from your water well southwest of Jal, New Mexico on September 28, 2000. The sample analyses did not detect any petroleum hydrocarbon contaminants in the well water. However, elevated levels of chloride and total dissolved solids were found to be present in the water. Chloride was present at a concentration of 460 mg/l which is above the New Mexico Water Quality Control Commission (WQCC) drinking water standard of 250 mg/l. Total dissolved solids were found to be present at a concentration of 1400 mg/l which is above the WQCC standard of 1000 mg/l for drinking water. It is possible that these salts are a result of oilfield activities due to the proximity of this water well to adjacent former oilfield waste pits.

The OCD is continuing to investigate the possibility that your wells are contaminated as a result of adjacent oilfield disposal activities and the OCD will copy you on all correspondence that they send out regarding this matter. If you have any questions regarding the laboratory analyses of your water or the OCD's investigations, please feel free to call me at (505) 827-7154.

Sincerely,

William C. Olson  
Hydrologist  
Environmental Bureau

Enclosure

xc w/enclosure: Chris Williams, OCD Hobbs District Supervisor  
Phillip Smith, Maralo, LLC

**BEFORE THE  
OIL CONSERVATION DIVISION**  
Case No. 13142 Exhibit No. **11**  
Submitted By:  
**Maralo**  
Hearing Date: November 10, 2004

BEFORE EXAMINER

MILEAGE

OIL CONSERVATION DIVISION

UIC: \_\_\_\_\_  
OTHER: \_\_\_\_\_

OIL CONSERVATION DIVISION  
COMPLAINT FORM

EXHIBIT NO. 1

CASE NO. 13142  
PERSON COMPLAINING:

NAME: Jay Anthony

INFORMATION TAKEN BY:  
TAKEN BY: Donna Williams

ADDRESS: \_\_\_\_\_

DATE: 10-06-99 TIME: \_\_\_\_\_

PHONE: 390-7385

IN PERSON:  BY PHONE: \_\_\_\_\_

COMPLAINT: Historical Contamination

COMMENTS: Went to Jal to perform inspection.

Maralo's - Old Lease Locations

- INVESTIGATION -

INVESTIGATOR: Donna Williams

DATE: 10-06-99

TIME: ≈ 1:00 p.m.

DESCRIBE INVESTIGATION AND FINDINGS: Old Historical Contamination  
that covered a large area - There is an  
standing (abandoned) possible - water flood station (system)  
old rusty tank w/ rotted bottoms. Asphalt material  
all over location / lease for ≈ 1/2 mile. wells  
Humble state #3 (old FNE) - Sec 36 - T225S - R36E - Contamination  
follows flowlines running to lease. Also shell "A" state #1  
old Maralo lease plugged & abandoned in 1988 Contamination  
around well (Historical Contamination)

- FOLLOW-UP -

DATE: November 15, 1999

TIME: \_\_\_\_\_

ACTION TAKEN: Sent letter requesting a remediation plan.  
Vertical & Horizontal of Contamination. Requesting a site  
assessment be performed. Received a call from Maralo  
≈ Dec. 1<sup>st</sup>, 1999 held a conference w/ Joe Pulido - Phillip  
Smith, Dortha Logan all w/ Maralo - myself (Donna Williams)  
& Gary Wink. Maralo said Rule was not in effect yet &  
they didn't feel the need to have to do anything - The rule  
is not retroactive. - After discussion I said I would get back

\*ATTACH ADDITIONAL SHEETS, IF NECESSARY w/ them. waiting for Santa Fe



# NEW MEXICO ENERGY, MINERALS & NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION  
DISTRICT 1 HOBBS  
PO BOX 1980, Hobbs, NM 88241  
(505) 393-6161  
FAX (505) 393-0720

Jennifer A. Salisbury  
CABINET SECRETARY

November 15, 1999

Maralo, LLC  
P.O. Box 832  
Midland, Tx 79702

FAX 915-684-9836  
Joy Anthony 390-7385

Re: Humble State #3160E L  
660 FNL 1980 FEL - Sec 36-Ts25S-R36E

BEFORE EXAMINER
OIL CONSERVATION DIVISION
EXHIBIT 11.2
CASE NO. 13142 plugged in 1988

Gentlemen:

The New Mexico Oil Conservation Division (NMOCD) is aware of some existing contamination at the location mentioned above. The last well was P&A'd December 11, 1989. Upon abandoning the last well on the lease, the tank battery site associated should have been cleared and the remaining contamination remediated. In the New Mexico Rules and Regulations, Rule 202.B (d) states after the completion of plugging operations the operator shall: take such other measures as are necessary or required by the Division to restore the location to a safe and clean condition. Also in Rule 19.B, Abatement Standards and Requirements states that the vadose zone shall be abated so that water contaminants in the vadose zone will not with reasonable probability contaminate ground water or surface water, in excess of the standards through leaching, percolation, or other transport mechanisms, or as the water table elevation fluctuates.

Due to the contamination at the above referenced location the NMOCD hereby requests for the following:

1. Maralo perform vertical and horizontal extent at the above referenced location.
2. Maralo perform a site assessment and determine cleanup standards, using the guidelines for assistance.
3. Maralo submit to the NMOCD a site assessment and/or a remediation plan by December 15, 1999 for approval.
4. Provide to NMOCD a verification of the legals of tank battery locations involved.  
(UL -S-Ts-R)

If you have any further questions, or need any assistance please do not hesitate to write or call me at (505)393-6161 ext...113.

Sincerely,

*Donna Williams*

Donna Williams  
Environmental Engineer Specialist  
cc: Wayne Price; Chris Williams;

\*Dorthea Logan  
915-684-7441  
called on NOV 17th  
will set up meet

Dec. 1999  
OK