

1R - 220

APPROVALS

YEAR(S):

LOVINGTON CITY
WELL

1R220

Olson, William

From: Olson, William
Sent: Friday, October 19, 2001 10:07 AM
To: 'riceswd'
Subject: RE: CASE # 1R0220 Lovington Muni Water Well

Sorry for the delay in response. I just got back in the office today. It makes sense to keep the monitor wells if you think you'll need them. If you want to keep them, state that in the final plugging report and we can attach them to the work for the Abo SWD site.

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

From: riceswd [mailto:riceswd@gte.net]
Sent: Friday, October 12, 2001 2:37 PM
To: wolson@state.nm.us
Subject: Fw: CASE # 1R0220 Lovington Muni Water Well

Dear Bill Olson:

In light of the recent revelations at the ABO SWD Emergency Overflow Pit remediation, I'm wondering about the wisdom of plugging these two existing monitor wells. (The third monitor well will be assumed by the City of Lovington.)

They are located south of the pit site, but would be an excellent source of data for monitoring the aquifer away from the impacted site.

The two wells are scheduled for plugging this month, but I would just as soon monitor them on an annual basis as to plug them now. What are your thoughts on this?

Thank you,
Carolyn Haynes

10/19/2001



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON

Governor

Jennifer A. Salisbury

Cabinet Secretary

Lori Wrotenbery

Director

Oil Conservation Division

September 10, 2001

CERTIFIED MAIL

RETURN RECEIPT NO. 5357-7911

Ms. Carolyn Doran Haynes
Rice Operating Company
122 West Taylor
Hobbs, New Mexico 88240

**RE: CASE # 1R0220
GROUND WATER REMEDIATION/MONITORING
LOVINGTON MUNICIPAL WATER WELL (COL-6)
LEA COUNTY, NEW MEXICO**

Dear Ms. Haynes:

The New Mexico Oil Conservation Division (OCD) has reviewed Rice Operating Company's (ROC) September 4, 2001 fax which was submitted on behalf of ROC by their consultant Whole Earth Environmental, Inc. This document contains ROC's proposed procedures for plugging monitor wells related to the remediation and monitoring of ground water contamination from a pipeline leak adjacent to the former City of Lovington COL-6 municipal water well in Lea County, New Mexico.

The above-referenced plugging procedures are approved. Please be advised that OCD approval does not relieve ROC of responsibility should the plugged wells pose a future threat to fresh water, human health or the environment. In addition, OCD approval does not relieve ROC of responsibility for compliance with any other federal, state or local laws and regulations.

If you have any questions, please call me at (505) 476-3491.

Sincerely,

William C. Olson

Hydrologist

Environmental Bureau

xc: Chris Williams, OCD Hobbs District Office
Robert Gallegos, NMED Drinking Water & Community Services
Bob Carter, City of Lovington



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
Governor
Jennifer A. Salisbury
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

May 25, 2001

CERTIFIED MAIL
RETURN RECEIPT NO. 3771-7316

Ms. Carolyn Doran Haynes
Rice Operating Company
122 West Taylor
Hobbs, New Mexico 88240

RE: CASE # 1R0220
GROUND WATER REMEDIATION/MONITORING
LOVINGTON MUNICIPAL WATER WELL (COL-6)
LEA COUNTY, NEW MEXICO

Dear Ms. Haynes:

The New Mexico Oil Conservation Division (OCD) has reviewed Rice Operating Company's (ROC) January 19, 2001 "2000 MONITOR WELL REPORT, GROUNDWATER REMEDIATION/MONITORING, LOVINGTON MUNICIPAL WATER WELL AREA, ABO SWD SYSTEM JCT. L-31, SEC 31, T16S, R37E, LEA COUNTY, NEW MEXICO". This document contains the results of ROC's remediation and monitoring of ground water contamination related to a pipeline leak adjacent to the former City of Lovington COL-6 municipal water well in Lea County, New Mexico. The document also contains a request for closure of the site remediation and monitoring activities.

The closure request as contained in the above-referenced document is approved with the following conditions:

1. ROC shall plug all monitor wells and the former municipal well by pulling the casing and grouting the wells from the bottom to the surface with a cement grout containing 3-5% bentonite.
2. ROC shall submit a plugging report for each well to the OCD Santa Fe Office by July 21, 2001 with a copy provided to the OCD Hobbs District Office.
3. ROC shall notify the OCD at least 48 hours prior to the plugging activities such that the OCD has the opportunity to witness the events.

Ms. Carolyn Doran Haynes
May 25, 2001
Page 2

Please be advised that OCD approval does not relieve ROC of responsibility should remaining contaminants pose a future threat to fresh water, human health or the environment. In addition, OCD approval does not relieve ROC of responsibility for compliance with any other federal, state or local laws and regulations.

If you have any questions, please call me at (505) 476-3491.

Sincerely,

A handwritten signature in black ink, appearing to read "Will Olson", written in a cursive style.

William C. Olson
Hydrologist
Environmental Bureau

xc: Chris Williams, OCD Hobbs District Office
Robert Gallegos, NMED Drinking Water & Community Services
Bob Carter, City of Lovington



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

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

January 28, 1999

CERTIFIED MAIL
RETURN RECEIPT NO. Z-274-520-604

Mr. F. Wesley Root
Rice Operating Company
122 West Taylor
Hobbs, New Mexico 88240

**RE: GROUND WATER REMEDIATION/MONITORING
LOVINGTON MUNICIPAL WATER WELL (COL-6)
LEA COUNTY, NEW MEXICO**

Dear Mr. Rice:

The New Mexico Oil Conservation Division (OCD) has reviewed Rice Operating Company's (ROC) October 6, 1998 "GROUNDWATER REMEDIATION, PIPELINE LEAK, JUNCTION L-31, ABO SWD SYSTEM, SE 1/4 OF SECTION 31, T16S, R37E, LEA COUNTY, NEW MEXICO". This document contains the results of ROC's remediation and monitoring of ground water contamination related to a pipeline leak adjacent to the City of Lovington's COL-6 municipal water well in Lea County, New Mexico. The document also contains a request for closure of remedial and monitoring activities at the site.

A review of the monitoring data shows that ground water contamination at the site was reduced to below New Mexico Water Quality Control Commission (WQCC) standards in all monitoring points during the August 16, 1998. The OCD cannot issue final closure approval of the remediation and monitoring actions until the ground water quality is below WQCC standards for 8 consecutive quarters. Therefore, the request for closure approval is **denied**.

To achieve this requirement, the OCD requires that ROC conduct the following actions:

1. Ground water from each monitor well and the Lovington municipal water well (COL-6) will be sampled and analyzed for concentrations of benzene, toluene, ethylbenzene, xylene (BTEX), total dissolved solids (TDS) and major cations and anions on a quarterly basis using EPA approved methods and quality assurance/quality control (QA/QC) procedures.

Mr. F. Wesley Root
January 28, 1999
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2. ROC will submit an annual report on the monitoring actions to the OCD on April 1 of each year with the first annual report due on April 1, 2000. The report will be submitted to the OCD Santa Fe Office with a copy provided to the OCD Hobbs District Office. Each report will contain the following information:
 - a. A description of the investigation activities which occurred during the past calendar year including conclusions and recommendations.
 - b. A quarterly water table map showing the location of all wells and any other pertinent site features as well as the direction and magnitude of the hydraulic gradient created using the water table elevation from each well.
 - c. Summary tables of all past and present ground water quality sampling results for each ground water sampling point and copies of laboratory analytical data sheets and associated QA/QC data for samples taken during the past calendar year.
 - d. The disposition of all wastes generated.
3. ROC will notify the OCD at least 48 hours in advance of all sampling events such that the OCD has the opportunity to witness the events and split samples.

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

Sincerely,



William C. Olson
Hydrologist
Environmental Bureau

xc: Chris Williams, OCD Hobbs District Office
Robert Gallegos, NMED Drinking Water & Community Services
Bob Carter, City of Lovington

Z 274 520 604

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PS Form 3800, April 1995