

3R - 194

APPROVALS

YEAR(S):



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop

Cabinet Secretary

Mark E. Fesmire, P.E.

Director

Oil Conservation Division

October 1, 2004

Mr. Scott T. Pope
El Paso Corporation
2 North Nevada
Colorado Springs, CO 80903

**RE: JAQUEZ COM C #1 & E #1 SITE
CASE #3R194**

Dear Mr. Pope:

The New Mexico Oil Conservation Division (OCD) has reviewed El Paso Field Service's (EPFS) March 23, 2003 "2003 ANNUAL REPORT FOR THE JAQUEZ COM E #1 AND C#1 AND SAN JUAN RIVER PLANT". This document contains the results of EPFS's recent soil and ground water remediation actions at the Jaquez Com C#1 & E#1 well sites and the San Juan River Plant. The document also contains EPFS's recommendation for modifications to the nitrate water quality sampling program at the Jaquez Com C#1 and E#1 site.

Based upon the ground water sampling history, the above-referenced recommendation to drop nitrate sampling of ground water at the Jaquez C#1 and E#1 site until the final round of closure sampling is approved. Please be advised that OCD approval does not relieve EPFS of responsibility if contamination exists which is beyond the scope of the work plan, or if the activities fail to adequately remediate or monitor contamination related to EPFS's activities. In addition, OCD approval does not relieve EPFS 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 "William C. Olson".

William C. Olson

Hydrologist

Environmental Bureau

xc: Denny Foust, OCD Aztec District Office
John Jaquez



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop
Cabinet Secretary

Lori Wrotenbery

Director

Oil Conservation Division

April 23, 2003

Mr. Scott T. Pope
El Paso Field Services
614 Reilly Ave.
Farmington, New Mexico 87401

**RE: 2002 ANNUAL REPORT
JAQUEZ COM C #1 & E #1 SITE
CASE #3R194**

Dear Mr. Pope:

The New Mexico Oil Conservation Division (OCD) has reviewed El Paso Field Service's (EPFS) March 31, 2003 "2002 ANNUAL REPORT FOR THE JAQUEZ COM E #1 AND C#1 AND SAN JUAN RIVER PLANT". This document contains the results of EPFS's recent soil and ground water remediation actions at the Jaquez Com C#1 & E#1 well sites and the San Juan River Plant. The document also contains EPFS's recommendations for modifications to the water quality sampling program at the Jaquez Com C#1 and E#1 site.

The above-referenced recommended sampling modifications for the Jaquez C#1 and E#1 site are approved with the following conditions:

1. EPFS shall include monitor wells M-1 and R-6 in the quarterly ground water monitoring program.
2. Since monitor well M-4 contains ground water with nitrate in excess of New Mexico Water Quality Control Commission (WQCC) standards, the OCD requires that ground water from monitor wells M-1, M-2, M-3, M-4 and M-5 be sampled and analyzed for nitrates on an annual basis using EPA approved methods and quality assurance/quality control procedures.

Please be advised that OCD approval does not relieve EPFS of responsibility if contamination exists which is beyond the scope of the work plan, or if the activities fail to adequately remediate or monitor contamination related to EPFS's activities. In addition, OCD approval does not relieve EPFS 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 "William C. Olson". The signature is fluid and cursive, with the first name being the most prominent.

William C. Olson
Hydrologist
Environmental Bureau

xc: Denny Foust, OCD Aztec District Office
John Jaquez



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
Governor
Betty Rivera
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

November 6, 2002

CERTIFIED MAIL
RETURN RECEIPT NO. 7001-1940-0004-7923-0568

Mr. Scott T. Pope
El Paso Field Services
614 Reilly Ave.
Farmington, New Mexico 87401

**RE: ANNUAL REPORT AND ADDITIONAL REMEDIATION WORK PLANS
JAQUEZ COM C #1 & E #1 SITE
CASE #3R194**

Dear Mr. Pope:

The New Mexico Oil Conservation Division (OCD) has reviewed the following El Paso Field Service's (EPFS) documents:

- March 27, 2001 correspondence titled "2001 ANNUAL GROUNDWATER REPORT FOR THE JAQUEZ COM E #1 AND C#1 AND SAN JUAN RIVER PLANT" which was received on April 1, 2002 and accompanying April 2002 "JAQUEZ COM C#1 AND JAQUEZ COM E#1, SAN JUAN BASIN, NEW MEXICO, EL PASO FIELD SERVICES ANNUAL REPORT".
- September 26, 2002 "WORK PLAN TO ADDRESS GROUNDWATER ABOVE STANDARDS ON THE SOUTH SIDE OF CITIZENS DITCH AT THE JAQUEZ SITE BLANCO, NEW MEXICO".

These documents contain the results of EPFS's recent soil and ground water remediation actions at the Jaquez Com C#1 & E#1 well sites. The documents also contain EPFS's proposed work plans for additional ground water remediation activities in the area south of the Citizens Ditch and modification of the water quality sampling program.

The work plans, as contained in the above-referenced documents, are approved with the following conditions:

1. EPFS shall include monitor wells M-3 and M-1 in the quarterly ground water monitoring sampling program.
2. Since monitor well M-4 contains ground water contaminated with benzene in excess of New Mexico Water Quality Control Commission (WQCC) standards and there is no ground water monitoring point directly downgradient of M-4, the OCD requires that EPFS install a ground water monitoring well in the vicinity of former temporary monitor well TMW-2. The well shall be installed in accordance with previously approved construction requirements and shall be included in the quarterly ground water sampling program.
3. EPFS shall notify the OCD at least 48 hours in advance of all scheduled activities such that the OCD has the opportunity to witness the events and split samples.

Please be advised that OCD approval does not relieve EPFS of responsibility if contamination exists which is beyond the scope of the work plan, or if the activities fail to adequately remediate or monitor contamination related to EPFS's activities. In addition, OCD approval does not relieve EPFS 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: Denny Foust, OCD Aztec District Office
John Jaquez



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
Governor
Jennifer A. Salisbury
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

November 1, 2001

CERTIFIED MAIL
RETURN RECEIPT NO. 5357-7997

Mr. Scott T. Pope
El Paso Field Services
614 Reilly Ave.
Farmington, New Mexico 87401

RE: ANNUAL REPORT AND WORK PLANS
CASE #1R194
JAQUEZ COM C #1 & E #1 SITE

Dear Mr. Pope:

The New Mexico Oil Conservation Division (OCD) has reviewed El Paso Field Service's (EPFS) March 30, 2001 "ANNUAL GROUNDWATER REPORT FOR THE JAQUEZ COM E #1 AND C#1" and June 21, 2001 "REQUEST TO REDUCE SURFACE WATER QUALITY SAMPLE FREQUENCY OF CITIZENS DITCH SURFACE WATER AT THE JAQUEZ SITE FROM QUARTERLY TO SEMI ANNUAL". These documents contain the results of EPFS's recent soil and ground water remediation actions at the Jaquez Com C#1 & E#1 well sites. The documents also contain EPFS's proposed work plan for additional ground water remediation activities and modification of the water quality sampling schedule.

The OCD above referenced work plan is approved with the following conditions:

1. EPFS shall include the as built details of the modifications to the ground water remediation system in the next annual report.
2. EPFS shall notify the OCD at least 48 hours in advance of all scheduled activities such that the OCD has the opportunity to witness the events and split samples.

Please be advised that OCD approval does not relieve EPFS of responsibility if contamination exists which is beyond the scope of the work plan, or if the activities fail to adequately remediate or monitor contamination related to EPFS's activities. In addition, OCD approval does not relieve EPFS 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". The signature is written in a cursive style with a large initial "W" and "O".

William C. Olson
Hydrologist
Environmental Bureau

xc: Denny Foust, OCD Aztec District Office
John Jaquez



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

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

May 15, 2000

CERTIFIED MAIL
RETURN RECEIPT NO. 5051-3082

Mr. Scott T. Pope
El Paso Field Services
614 Reilly Ave.
Farmington, New Mexico 87401

**RE: INVESTIGATION RESULTS AND WORK PLANS
JAQUEZ COM C #1 & E #1**

Dear Mr. Pope:

The New Mexico Oil Conservation Division (OCD) has reviewed El Paso Field Service's (EPFS) April 5, 2000 correspondence and January 13, 2000 "RECENT SOIL INVESTIGATION RESULTS AND AMENDED WORK PLAN FOR THE JAQUEZ COM. E#1 AND C#1". These documents contain the results of EPFS's recent soil investigations at the Jaquez Com C#1 & E#1 well sites. The document also contains EPFS's proposed work plan for additional soil remediation of petroleum contaminated soil and installation of additional ground water monitoring wells.

The OCD above referenced work plan is **approved** with the following conditions:

1. EPFS shall sample surface water in Citizen's Ditch upstream and downstream of the site on a quarterly basis. The samples shall be obtained and analyzed for benzene, toluene, ethylbenzene and xylene (BTEX) using EPA approved methods and quality assurance/quality control (QA/QC).
2. EPFS shall submit a report on the remediation and monitoring actions to the OCD by July 21, 2000. The report shall be submitted to the OCD Santa Fe Office with a copy provided to the OCD Aztec District Office and shall contain:
 - a. A description of all investigation and remediation activities conducted including conclusions and recommendations.
 - b. A map showing all former pit locations, excavated areas, monitor well locations and the direction and magnitude of the hydraulic gradient.
 - c. Geologic logs and well completion diagrams for each monitor well and soil boring.

- d. Copies of all laboratory analytical results of all soil and water quality sampling including the QA/QC data.
3. EPFS shall notify the OCD at least 48 hours in advance of all scheduled activities such that the OCD has the opportunity to witness the events and split samples.

Please be advised that OCD approval does not relieve EPFS of liability if contamination exists which is beyond the scope of the work plan, or if the activities fail to adequately remediate contamination related to EPFS's activities. In addition, OCD approval does not relieve EPFS of responsibility for compliance with any other federal, state or local laws and regulations.

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

Sincerely,



William C. Olson
Hydrologist
Environmental Bureau

xc: Denny Foust, OCD Aztec District Office
John Jaquez



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

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

December 21, 1999

CERTIFIED MAIL
RETURN RECEIPT NO. Z-274-520-743

Mr. Scott T. Pope
El Paso Field Services
614 Reilly Ave.
Farmington, New Mexico 87401

**RE: AIR SPARGING REMEDIATION WORK PLAN
JAQUEZ COM C #1 & E #1**

Dear Mr. Pope:

The New Mexico Oil Conservation Division (OCD) has reviewed El Paso Field Service's (EPFS) October 13, 1999 "JAQUEZ COM. C#1 AND JAQUEZ COM. E#1 SOIL AND GROUNDWATER REMEDIATION PILOT TEST REPORT". This document contains the results of EPFS's air sparging and vapor extraction pilot test at the Jaquez Com C#1 & E#1 well sites. The document also contains EPFS's proposed work plan for installation of an air sparging system for remediation of petroleum contaminated soil and ground water.

The OCD above referenced work plan **is approved** with the following conditions:

1. EPFS shall monitor volatile organic compound (VOC) emissions in the air space at the site.
2. EPFS shall operate the air sparging system such that VOC's do not migrate in the air from the site toward the adjacent residences.
3. EPFS shall notify the OCD at least 48 hours in advance of all scheduled activities such that the OCD has the opportunity to witness the events and split samples

Please be advised that OCD approval does not relieve EPFS of liability if contamination exists which is beyond the scope of the work plan, or if the activities fail to adequately remediate contamination related to EPFS's activities. In addition, OCD approval does not relieve EPFS of responsibility for compliance with any other federal, state or local laws and regulations.

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

Sincerely,

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

William C. Olson
Hydrologist
Environmental Bureau

xc: Denny Foust, OCD Aztec District Office
John Jaquez



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

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

September 22, 1999

CERTIFIED MAIL
RETURN RECEIPT NO. Z-274-520-712

Mr. Scott T. Pope
El Paso Field Services
614 Reilly Ave.
Farmington, New Mexico 87401

**RE: INVESTIGATION WORK PLAN
JAQUEZ COM E #1 & C #1**

Dear Mr. Pope:

The New Mexico Oil Conservation Division (OCD) has reviewed El Paso Field Service's (EPFS) August 13, 1999 "WORK PLAN FOR THE POTENTIAL SOIL CONTAMINATION INVESTIGATION AND MONITORING WELL INSTALLATION AT THE JAQUEZ COM E#1 AND C#1". This document contains EPFS's proposed work plan for additional soil and ground water investigations at the Jaquez Com E#1 & C#1 site.

The OCD above referenced work plan **is approved** with the following conditions:

1. EPFS shall install an additional monitor well at the location shown on figure #1 (attached).
2. EPFS shall wait a minimum of 24 hours after the new monitor wells have been developed to purge and sample ground water from the monitor wells.
3. EPFS shall submit a report on the investigations to the OCD by November 30, 1999. The report shall be submitted to the OCD Santa Fe Office with a copy provided to the OCD Aztec District Office and shall contain:
 - a. A description of all investigation activities conducted including conclusions and recommendations.
 - b. A map showing all former pit locations, excavated areas, monitor well locations and the direction and magnitude of the hydraulic gradient.
 - c. Geologic logs and well completion diagrams for each monitor well and soil boring.

- d. The laboratory analytical results of all soil and water quality sampling including the quality assurance/quality control data.
4. All wastes generated shall be disposed of at an OCD approved facility.
5. EPFS shall notify the OCD at least 24 hours in advance of all scheduled activities such that the OCD has the opportunity to witness the events and split samples.

Please be advised that OCD approval does not relieve EPFS of liability if contamination exists which is beyond the scope of the work plan, or if the activities fail to adequately determine the extent of contamination related to EPFS's activities. In addition, OCD approval does not relieve EPFS of responsibility for compliance with any other federal, state or local laws and regulations.

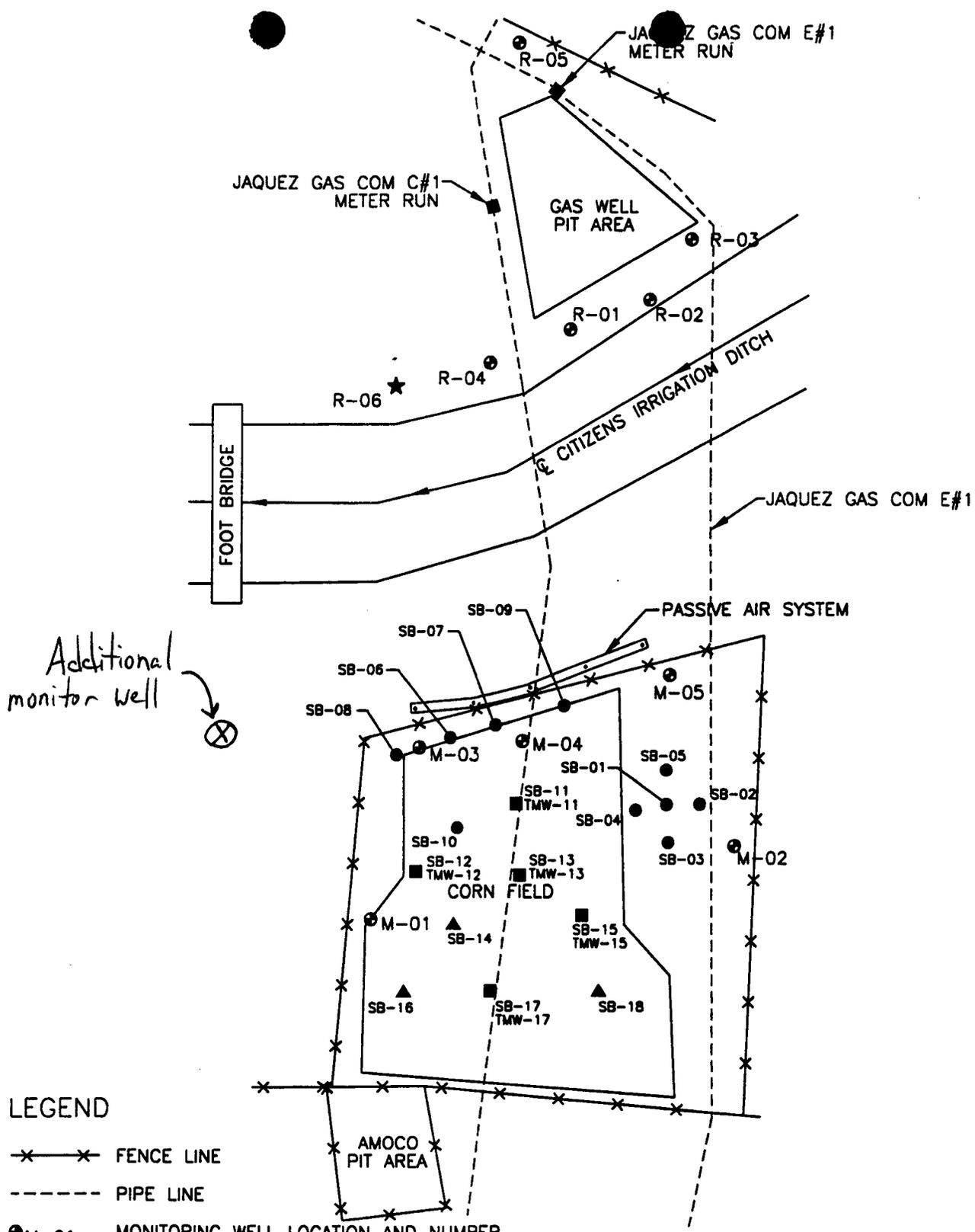
If you have any questions, please call me at (505) 827-7154.

Sincerely,



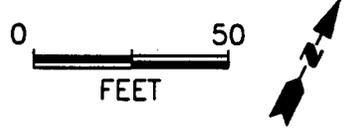
William C. Olson
Hydrologist
Environmental Bureau

xc: Denny Foust, OCD Aztec District Office
John Jaquez



LEGEND

- X—X— FENCE LINE
- PIPE LINE
- M-01 MONITORING WELL LOCATION AND NUMBER
- SB-01 EXISTING SOIL BORING LOCATION
- ▲ SB-14 PROPOSED SOIL BORING LOCATION
- SB-11 PROPOSED SOIL BORING AND GROUNDWATER LOCATIONS
- ★ R-06 PROPOSED MONITORING WELL LOCATION



COL. 17448-003



TITLE:
**PROPOSED LOCATIONS FOR
 SOIL AND GROUNDWATER INVESTIGATION
 AND MONITORING WELL INSTALLATION**

DWN: TMM	DES.: CI
CHKD: SP	APPD:
DATE: 8/11/99	REV.: 1

PROJECT NO.: 17444
EL PASO FIELD SERVICE COMPANY
FIGURE 1



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 22, 1999

CERTIFIED MAIL
RETURN RECEIPT NO. Z-274-520-683

Mr. Scott T. Pope
El Paso Field Services
614 Reilly Ave.
Farmington, New Mexico 87401

**RE: GROUND WATER REMEDIATION
JAQUEZ COM E #1 & C #1**

Dear Mr. Pope:

The New Mexico Oil Conservation Division (OCD) has reviewed El Paso Field Service's (EPFS) June 25, 1999 "JAQUEZ COM C#1 & JAQUEZ COM E#1 SOIL AND GROUNDWATER REMEDIATION WORK PLAN" and March 1999 "JAQUEZ COM. C#1 AND JAQUEZ COM. E#1 ANNUAL REPORT FOR SOIL AND GROUNDWATER REMEDIATION". These documents contains the results of EPFS's 1998 ground water remediation and monitoring, recommendations for modification of the monitoring program and a proposed work plan for an air sparging/vapor venting pilot study at the Jaquez Com E#1 & C#1 site.

The OCD above referenced work plan and recommendations **are approved** with the following conditions:

1. EPFS shall submit a work plan to the OCD for investigation of potential soil contamination in garden areas recently identified by John Jaquez, the landowner at the site and installation of additional monitor wells to determine the extent of ground water contamination laterally and downgradient of monitor wells R-4 and M-3. The work plan shall be submitted to the OCD Santa Fe Office by August 20, 1999 with a copy provided to the OCD Aztec District Office.
2. The OCD defers comment on modification of the ground water sampling program until the above required additional investigations have been completed.
3. Vapor from the vapor extraction wells shall be sampled and analyzed at the start of operation and periodically during operation for concentrations of total petroleum hydrocarbons (TPH) and benzene, toluene, ethylbenzene and xylene (BTEX) using EPA approved methods and quality assurance/quality control (QA/QC) procedures.

4. EPFS shall submit the results of the pilot study to the OCD in a comprehensive report. The report shall be submitted to the OCD Santa Fe Office by October 15, 1999 with a copy provided to the OCD Aztec District Office and will include recommendations for additional remedial measures.
5. All wastes generated shall be disposed of at an OCD approved facility.
6. EPFS shall notify the OCD at least 24 hours in advance of all scheduled activities such that the OCD has the opportunity to witness the events and split samples.

Please be advised that OCD approval does not relieve EPFS of liability if contamination exists which is beyond the scope of the work plan, or if the activities fail to adequately remediate and monitor contamination related to EPFS's activities. In addition, OCD approval does not relieve EPFS of responsibility for compliance with any other federal, state or local laws and regulations.

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

Sincerely,



William C. Olson
Hydrologist
Environmental Bureau

xc: Denny Foust, OCD Aztec District Office
John Jaquez





STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

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

August 25, 1998

CERTIFIED MAIL
RETURN RECEIPT NO. Z-235-437-322

Ms. Sandra D. Miller
El Paso Energy Corporation
614 Reilly Ave.
Farmington, New Mexico 87401

**RE: GROUND WATER REMEDIATION
JAQUEZ COM E #1 & C #1**

Dear Ms. Miller:

The New Mexico Oil Conservation Division (OCD) has reviewed El Paso Field Service's (EPFS) May 29, 1998 "JAQUEZ COM E#1 & C#1 ANNUAL REPORT". This document contains the results of EPFS's ground water remediation and monitoring activities at the Jaquez Com E#1 & C#1 site. The document also contains recommendations for modification of the remediation and monitoring program.

The above referenced recommendations are approved.

Please be advised that OCD approval does not relieve EPFS of liability if contamination exists which is beyond the scope of the work plan, or if the activities fail to adequately remediate and monitor contamination related to EPFS's activities. In addition, OCD approval does not relieve EPFS of responsibility for compliance with any other federal, state or local laws and/or regulations.

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

Sincerely,

William C. Olson
Hydrologist
Environmental Bureau

xc: Denny Foust, OCD Aztec District Office



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

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

March 25, 1997

CERTIFIED MAIL
RETURN RECEIPT NO. P-269-269-290

Ms. Sandra D. Miller
El Paso Field Services
P.O. Box 4990
Farmington, New Mexico 87499

**RE: GROUND WATER REMEDIATION AND MONITORING
JAQUEZ GC C#1 & JAQUEZ GC E#1 WELL SITES
SAN JUAN COUNTY, NEW MEXICO**

Dear Ms. Miller:

The New Mexico Oil Conservation Division (OCD) has reviewed El Paso Field Services' (EPFS) February 5, 1997 "SEMI-ANNUAL REPORT FOR THE JAQUEZ COM. C#1 & JAQUEZ COM. E#1" and January 1997 "JAQUEZ COM. C#1 AND JAQUEZ COM. E#1 SEMI-ANNUAL REPORT FOR SOIL AND GROUNDWATER REMEDIATION". These documents contain the results of recent ground water remediation and monitoring activities performed at the Jaquez Com C#1 and Jaquez Com E#1 sites. The documents also contain recommendations for additional remedial actions and modification of the frequency for reporting on remediation and monitoring actions from semi-annually to annually.

The proposed recommendations as contained in the above referenced document are approved with the following conditions:

1. EPFS will sample and analyze ground water from all monitor wells on a quarterly basis for nitrates using EPA approved methods.
2. The annual report will be submitted to the OCD by April 1 of each respective year. The report will include:
 - a. A description of all activities which occurred during the past calendar year including conclusions and recommendations.
 - b. A tabular summary of all past and present laboratory analytic results of water quality and remediation system sampling for each monitoring point and the laboratory analyses and associated quality assurance/quality control data for the all samples taken during the past calendar year.

Ms. Sandra D. Miller
March 25, 1997
Page 2

- c. The quarterly thickness of free phase product on the water table in all monitor and recovery wells.
 - d. Quarterly water table elevation maps using the water table elevation of the ground water in all monitor wells.
 - e. Plots of water table elevation vs. time for each ground water monitoring point.
 - f. Plots of concentration vs. time for contaminants of concern for each monitoring point.
 - g. Plots of product thickness vs. time for each monitoring point.
 - h. The type and amount of nutrients and oxygenates injected into the passive venting system each quarter.
 - i. The volume of any product and water removed from each recovery well during each quarter and the total volumes recovered to date.
 - j. A proposed sampling schedule for the next year.
3. All reports will be submitted to the OCD Santa Fe Office with copies provided to the OCD Aztec District Office.

Please be advised that OCD approval does not relieve EPFS of liability should contamination exist which is beyond the scope of the remediation and monitoring plan, or if the activities fail to adequately remediate and monitor contamination related to EPFS's activities. In addition, OCD approval does not relieve EPFS of responsibility for compliance with any other federal, state or local laws and/or regulations.

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

Sincerely,



William C. Olson
Hydrogeologist
Environmental Bureau

xc: OCD Aztec District Office
John Jaquez Jr.



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

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

October 10, 1996

CERTIFIED MAIL
RETURN RECEIPT NO. P-269-269-204

Ms. Sandra D. Miller
El Paso Field Services
P.O. Box 4990
Farmington, New Mexico 87499

**RE: GROUND WATER CONTAMINATION
JAQUEZ GC C#1 & JAQUEZ GC E#1 WELL SITES
SAN JUAN COUNTY, NEW MEXICO**

Dear Ms. Miller:

The New Mexico Oil Conservation Division (OCD) has reviewed the El Paso Field Services' (EPFS) September 25, 1996 "SEMI-ANNUAL REPORT FOR THE JAQUEZ COM. C#1 & JAQUEZ COM. E#1". This report documents recent soil and ground water remediation and monitoring activities performed at the Jaquez Com C#1 and Jaquez Com E#1 sites. The document also contains recommendations for additional remedial actions and a pump test of monitor wells R-1 and R-2 to determine the feasibility of product recovery under continuous total fluid pumping conditions.

The proposed recommendations as contained in the above referenced document are approved with the following conditions:

1. The nutrient and oxygenate injection into the passive venting system will occur after completion of the pump test.
2. EPFS will sample ground water from all monitor wells prior to and upon completion of the pump test. The samples will be analyzed for benzene, toluene, ethylbenzene and xylene using EPA approved methods.
3. All wastes generated during the pump test will be disposed of at an OCD approved facility.

Ms. Sandra D. Miller
October 10, 1996
Page 2

4. The next semi-annual report will include:
 - a. The results of the pump test including various water table elevation maps during the test which show water elevations across the site over the time of the test and the results of the water quality analyses.
 - b. The type and amount of nutrients and oxygenates injected into the passive venting system
 - c. Recommendations for modifications of the remedial strategy at the site.
5. EPFS will notify the OCD at least 72 hours in advance of all scheduled activities such that the OCD has the opportunity to witness the events and/or split samples.
6. All original documents will be submitted to the OCD Santa Fe Office with copies provided to the OCD Aztec Office.

Please be advised that OCD approval does not limit EPFS to the work proposed should contaminants be found to be migrating from the site or if contamination exists which is beyond the scope of the proposal. In addition, OCD approval does not relieve EPFS of responsibility for compliance with any other federal, state and local laws and/or regulations.

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

Sincerely,



William C. Olson
Hydrogeologist
Environmental Bureau

xc: OCD Aztec District Office
John Jaquez Jr.

P 269 269 204

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PS Form 3800, April 1995

STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION



BRUCE KING
GOVERNOR

November 22, 1994

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

ANITA LOCKWOOD
CABINET SECRETARY

CERTIFIED MAIL

RETURN RECEIPT NO. P-667-242-176

Ms. Sandra D. Miller
Sr. Environmental Scientist
El Paso Natural Gas Company
P.O. Box 4990
Farmington, New Mexico 87499

**RE: GROUND WATER CONTAMINATION
JAQUEZ GC C#1 & JAQUEZ GC E#1 WELL SITES
SAN JUAN COUNTY, NEW MEXICO**

Dear Ms. Miller:

The New Mexico Oil Conservation Division (OCD) has reviewed the El Paso Natural Gas Company's (EPNG) September 2, 1994 "JAQUEZ COM. E#1 AND JAQUEZ COM. C#1 SOIL AND GROUNDWATER REMEDIATION FOLLOWUP REPORT". This report documents recent soil and ground water remediation and monitoring activities performed at the Jaquez Com C#1 and Jaquez Com E#1 sites. The document also contains a proposal for additional ground water remediation and monitoring.

The proposed remedial and monitoring actions as contained in the above referenced report **are approved with the following conditions:**

1. All sample analyses will be conducted using EPA approved laboratory methods.
2. Measurements of the water table elevation and free product thickness from all monitor wells will be made during each sampling event.
3. A semi-annual report containing the results of all quarterly water quality sampling, water table elevation maps, amount of product recovered and product thickness will be submitted to OCD by January 31 and June 30 of each year.
4. EPNG will notify the OCD at least 72 hours in advance of all scheduled activities such that the OCD has the opportunity to witness the events and/or split samples.
5. All original documents will be submitted to the OCD Santa Fe Office with copies provided to the OCD Aztec Office.

Ms. Sandra D. Miller
November 22, 1994
Page 2

Please be advised that OCD approval does not limit EPNG to the work proposed should contaminants be found to be migrating from the site or if contamination exists which is beyond the scope of the proposal. In addition, OCD approval does not relieve EPNG of responsibility for compliance with any other federal, state and local laws and/or regulations.

If you have any questions, please contact me at (505) 827-5885.

Sincerely,



William C. Olson
Hydrogeologist
Environmental Bureau

xc: OCD Aztec District Office
John Jaquez Jr.

P 667 242 176



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



BRUCE KING
GOVERNOR

October 7, 1993

ANITA LOCKWOOD
CABINET SECRETARY

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

CERTIFIED MAIL
RETURN RECEIPT NO. P-667-242-396

Ms. Sandra D. Miller
Sr. Environmental Scientist
El Paso Natural Gas Company
P.O. Box 4990
Farmington, New Mexico 87499

**RE: FINAL REPORT
HYDROCARBON CONTAMINANT REMEDIATION
JAQUEZ GC C#1 & JAQUEZ GC E#1 WELL SITES
SAN JUAN COUNTY, NEW MEXICO**

Dear Ms. Miller:

The New Mexico Oil Conservation Division (OCD) has reviewed the El Paso Natural Gas Company's (EPNG) September 30, 1993 "JAQUEZ COM. C#1 AND JAQUEZ COM. E#1 SOIL AND GROUNDWATER REMEDIATION". This report documents recent soil and ground water remedial activities performed at the Jaquez Com C#1 and Jaquez Com E#1 sites.

The remedial actions and recommendations for further actions contained in the above referenced report **are approved with the following conditions:**

1. All monitor well samples obtained during the monthly ground water quality monitoring will be analyzed for concentrations of benzene, toluene, ethylbenzene and xylene. The initial and final monthly ground water samples from the monitor wells will also be analyzed for concentrations of polynuclear aromatic hydrocarbons.
2. All sample analyses will be performed using EPA approved laboratory methods.
3. Measurements of the water table elevation and free product thickness from all monitor wells will be made during each sampling event.
4. A report containing the results of all monthly water quality sampling, monthly water table elevation maps and EPNG's recommendations for future actions will be submitted to OCD by May 1, 1994.

Ms. Sandra D. Miller
October 7, 1993
Page 2

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

If you have any questions, please contact me at (505) 827-5885.

Sincerely,

A handwritten signature in cursive script that reads "William C. Olson". The signature is written in dark ink and is positioned below the word "Sincerely,".

William C. Olson
Hydrogeologist
Environmental Bureau

xc: OCD Aztec District Office
Mr. John Jaquez Jr.



STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION



BRUCE KING
GOVERNOR

ANITA LOCKWOOD
CABINET SECRETARY

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

September 2, 1993

Ms. Sandra D. Miller
Sr. Environmental Scientist
El Paso Natural Gas Company
P.O. Box 4990
Farmington, New Mexico 87499

**RE: HYDROCARBON CONTAMINATION
JAQUEZ GC C#1 & JAQUEZ GC E#1 WELL SITES
SAN JUAN COUNTY, NEW MEXICO**

Dear Ms. Miller:

The New Mexico Oil Conservation Division (OCD) has received El Paso Natural Gas Company's (EPNG) August 27, 1993 "EXTENSION TO THE JAQUEZ COM C#1 & JAQUEZ COM E#1 REMEDIATION REPORT DEADLINE". This document requests an extension of the deadline for submission of a report on the remedial activities at the Jaquez Com C#1 and Jaquez Com E#1 sites from August 27, 1993 to October 1, 1993.

The above referenced request is hereby approved.

If you have any questions, please contact me at (505) 827-5885.

Sincerely,

A handwritten signature in black ink, appearing to read "William C. Olson".

William C. Olson
Hydrogeologist
Environmental Bureau

xc: OCD Aztec District Office
Mr. John Jaquez Jr.



STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION



BRUCE KING
GOVERNOR

ANITA LOCKWOOD
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STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87504
(505) 827-5800

July 2, 1993

CERTIFIED MAIL
RETURN RECEIPT NO. P-667-242-355

Ms. Sandra D. Miller
Sr. Environmental Scientist
El Paso Natural Gas Company
P.O. Box 4990
Farmington, New Mexico 87499

**RE: HYDROCARBON CONTAMINATION
JAQUEZ GC C#1 & JAQUEZ GC E#1 WELL SITES
SAN JUAN COUNTY, NEW MEXICO**

Dear Ms. Miller:

The New Mexico Oil Conservation Division (OCD) has completed a review of the El Paso Natural Gas Company's (EPNG) June 25, 1993 "HYDROCARBON CONTAMINATION NEAR JAQUEZ GC C#1 & JAQUEZ GC E#1, SAN JUAN COUNTY, NEW MEXICO". This document contains EPNG's plan for remediation of hydrocarbon contaminated soil and ground water related to EPNG's operations at the Jaquez GC C#1 and Jaquez GC E#1 well sites.

The above referenced remediation plan is approved with the following conditions:

1. Upon completion of the excavations during the soil remediation projects, final soil samples will be taken to confirm that remaining soils meet the OCD's recommended remediation levels as contained in the OCD's February 1993 Unlined Surface Impoundment Closure Guidelines.
2. A remediation report describing all activities and containing the results of all soil and ground water sampling performed will be submitted to OCD by August 27, 1993.

Ms. Sandra D. Miller
July 2, 1993
Page 2

3. EPNG will notify OCD at least 72 hours in advance of commencement of the remediation project such that OCD may have the opportunity to witness the activities and/or split samples.

If you have any questions, please contact me at (505) 827-5885.

Sincerely



William C. Olson
Hydrogeologist
Environmental Bureau

xc: OCD Aztec District Office
Mr. John Jaquez Jr.