

3R - 264

# APPROVALS

YEAR(S):

2003-2000



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**BILL RICHARDSON**  
Governor  
**Joanna Prukop**  
Cabinet Secretary

**Lori Wrotenberg**  
Director  
Oil Conservation Division

June 11, 2003

Ms. Lisa Norton  
Yates Petroleum Corporation  
105 South Fourth St.  
Artesia, New Mexico 88210

**RE: MILLER D#1 PIT SITE  
CASE # 3R-264  
SAN JUAN COUNTY, NEW MEXICO**

Dear Ms. Norton:

The New Mexico Oil Conservation Division (OCD) has reviewed Yates Petroleum Corporation's April 28, 2003 "GROUND WATER ASSESSMENT, MILLER D1, SAN JUAN COUNTY, NEW MEXICO" and April 4, 2003 "GROUND WATER ASSESSMENT, MILLER D1, SAN JUAN COUNTY, NEW MEXICO". These documents contain the results of Yates' remediation and monitoring of contaminated soils and ground water related to a former unlined pit at Yates' Miller D#1 pit site located in Unit M, Section 20, Township 30 North, Range 13 West, San Juan County, New Mexico. The documents also request final closure approval of the site.

The soil and ground water remediation activities are satisfactory and OCD approves the final site closure on the condition that Yates plug and abandon all monitor wells by cutting the casing below the ground surface and filling the casing annulus with a cement grout containing 3-5% bentonite. Please be advised that OCD approval does not relieve Yates of responsibility if remaining contaminants are found to pose a future threat to surface water, ground water, human health or the environment. In addition, OCD approval does not relieve Yates of responsibility for compliance with any other federal, state or local laws and regulations.

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

Sincerely,

A handwritten signature in cursive script that reads "William C. Olson".

William C. Olson  
Hydrologist  
Environmental Bureau

cc: Denny Foust, OCD Aztec District Office  
Kyle Kerr, Envirotech, Inc.



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**GARY E. JOHNSON**  
Governor  
**Jennifer A. Salisbury**  
Cabinet Secretary

**Lori Wrotenberg**  
Director  
**Oil Conservation Division**

November 6, 2000

**CERTIFIED MAIL**  
**RETURN RECEIPT NO. 5051-3778**

Mr. W.M. Belden  
JN Exploration & Production LP  
550 N. 31<sup>st</sup> St., Suite 300  
Billings, Montana, 59101

**RE: MILLER D#1 WELL SITE**  
**SAN JUAN COUNTY, NEW MEXICO**

Dear Mr. Belden:

The New Mexico Oil Conservation Division (OCD) has reviewed JN Exploration & Production LP (JNEP) "PROPOSAL FOR MONITOR WELL DRILLING FOR THE MILLER D1, SAN JUAN COUNTY, NEW MEXICO" which was submitted on behalf of JNEP by their consultant Envirotech Inc. This document contains JNEP's recommendations for installation of monitor wells to determine the extent of ground water contamination related to a former unlined pit at the Miller D#1 well site.

The above referenced recommendations are **approved** with the following conditions:

1. At least 15 feet of well screen shall be placed across the water table interface with 5 feet of the well screen above the water table and 10 feet of the well screen below the water table.
2. The bentonite plugs shall be hydrated during emplacement.
3. The wells shall be developed after construction using EPA approved procedures.
4. No less than 24 hours after the wells are developed, ground water from all monitor wells shall be purged, sampled and analyzed for concentrations of benzene, toluene, ethylbenzene, xylene, polycyclic aromatic hydrocarbons (PAH), , total dissolved solids (TDS) and New Mexico Water Quality Control Commission (WQCC) metals and major cations and anions using EPA approved methods and quality assurance/quality control (QA/QC).

Mr. W.M. Belden  
November 6, 2000  
Page 2

5. All wastes generated during the investigation shall be disposed of at an OCD approved facility.
6. JNEP shall submit the results of the investigation to the OCD by December 31, 2000. The report shall be submitted to the OCD Santa Fe Office with a copy provided to the OCD Aztec District Office and shall include:
  - a. A description of the investigation activities which occurred including conclusions and recommendations.
  - b. A geologic/lithologic log and well completion diagram for each monitor well and soil boring.
  - c. A water table map showing the location of the pits, excavated areas, monitor 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 monitor well.
  - d. Isoleth maps for contaminants observed during the investigations.
  - e. Summary tables of all soil and ground water quality sampling results and copies of all laboratory analytical data sheets and associated QA/QC data.
  - f. The disposition of all wastes generated.

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

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

Sincerely,



William C. Olson  
Hydrologist  
Environmental Bureau

xc: Denny Foust, OCD Aztec District Office  
Harlan M. Brown, Envirotech Inc.