



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**BILL RICHARDSON**

Governor

**Joanna Prukop**

Cabinet Secretary

**Mark E. Fesmire, P.E.**

Director

**Oil Conservation Division**

Mr. Donnie E. Brown  
Purvis Operating Co.  
PO Box 51990  
Midland, TX 79710

December 8, 2005

## REMEDIATION WORK PLAN REQUEST - ESPERANZA 22 STATE COM NO 2

The New Mexico Oil Conservation Division District 2 Office is in receipt of your Form C-103 dated December 1, 2005 which provides information on the release at the Esperanza 22 State Com No 2 (30-015-33555). The Remediation Plan paragraph on this form is not sufficient for the NMOCD District 2 Office to assess this release and approve remediation work.

OCD Rule 19.15.3.116.D [NMAC] requires that the responsible person for a release must complete division approved corrective action and that releases will be addressed in accordance with a remediation work plan submitted to and approved by the division. This rule does not preclude the responsible person from taking appropriate actions to mitigate the impact of or contain a release prior to OCD approval but does require that site remediation activities be approved by the OCD.

To provide you with approval for corrective actions the OCD District 2 Office must first receive a remediation work plan that addresses the following:

- Site characterization, ranking, layout, and remediation action levels and to what levels remediation work will target at each phase (i.e. excavation, land farming, tilling);
- Release characterization including source, cause, prevention of future release, volumetric estimation of impacted area(s) and contaminant specific concerns;
- On site method of remediation including specific procedures for moisture/nutrients/additives to enhance biodegradation of the contaminants, specific to Highly Contaminated/Saturated Soils and Unsaturated Contaminated Soils;
- Off site remediation including sampling procedures for removed material, disposition of materials and documentation required;
- Notification to NMOCD of work/sampling and sampling procedures to be used for site characterization and final closure;
- General schedule of work to be performed including periodicity of repeated work such as tilling/moisture, etc; and,
- Site closure procedures (closure of excavations, reseeding, grading, etc).

**Please provide a remediation work plan for this release to the OCD District 2 Office prior to December 28, 2005.**

Please note that an extremely detailed report is not required for this release and all items listed above may not be specifically applicable to a small release. However, sufficient information to evaluate the impact of the release on the environment and to public safety is required. The OCD District 2 Office uses the "Guidelines For Remediation of Leaks, Spills, and Releases" to evaluate the adequacy of all remediation work plans submitted for approval. This guide may be found on our web site at:  
<http://www.emnrd.state.nm.us/emnrd/ocd/EH-MiscGuidelines.htm>.

Please feel free to contact me if I can be of further assistance in this matter.

Chris Beadle  
Artesia OCD District Office

# ***Purvis Operating Co.***

3101 North Pecos Street – Midland, 79705

E-mail: eng@purvisop.com

Mailing: P. O. Box 51990

Midland, Texas 79710-1990

Phone: (432) 682-7346

Fax: (432) 683-9584

December 2, 2005

RECEIVED  
DEC 5 2005  
OCD-ARTESIA

Mr. Chris Beadle  
Oil Conservation Division  
District II  
1301 W. Grand Avenue  
Artesia, NM 88210

Re: Esperanza 22 State Com #2, Eddy County, New Mexico

Dear Mr. Beadle:

Attached please find the completed Form C-103 for Esperanza 22 State Com #2 well, Eddy County, New Mexico.

Very truly yours,



Donnie E. Brown  
Petroleum Engineer

DEB\bao

Attachment

Submit 3 Copies To Appropriate District  
Office  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Ave., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM  
87505

State of New Mexico  
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-103  
Revised March 25, 1999

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-015-33555
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator PURVIS OPERATING CO.		6. State Oil & Gas Lease No. 032697
3. Address of Operator P O BOX 51990, MIDLAND, TX 79710-1990		7. Lease Name or Unit Agreement Name: Esperanza 22 State Com
4. Well Location Unit Letter <u>L</u> : 1980 feet from the <u>South</u> line and <u>660</u> feet from the <u>West</u> line Section <u>22</u> Township <u>21-S</u> Range <u>27-E</u> NMPM <u>EDDY</u> County		8. Well No. <u>2</u>
10. Elevation (Show whether DR, RKB, RT, GR, etc.) 3267kB		9. Pool name or Wildcat LONETREE DRAW (WOLFCAMP)

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data	
<b>NOTICE OF INTENTION TO:</b> PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/> OTHER: <input checked="" type="checkbox"/>	<b>SUBSEQUENT REPORT OF:</b> REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/> CASING TEST AND CEMENT JOB <input type="checkbox"/> OTHER: TEST PRODUCTION CASING <input type="checkbox"/>

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

During workover operations, oil cut water was swabbed into the water tank. Spray of approximately 3 or 4 gallons discolored the pea gravel 4'-5' from the southeast side of the water tank.

Remediation Plan is to replace the affected pea gravel with fresh pea gravel. The affected pea gravel will be taken to a land farm.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Donnie E. Brown TITLE Petroleum Engineer DATE December 1, 2005

Type or print name Donnie E. Brown Telephone No. 432-682-7346

(This space for State use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

Conditions of approval, if any: