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**GENERAL  
CORRESPONDENCE**

**YEAR(S):**

2/95



OIL CONSERVATION DIVISION  
RECEIVED

OXY USA INC.  
Box 50250, Midland, TX 79710  
February 7, 1995

1995 FEB 27 AM 8 52

Mr. Jerry Sexton  
State of New Mexico  
Oil Conservation Division  
District 1 - Hobbs  
P. O. Box 1980  
Hobbs, NM 88241-1980

Re: Pit Closure Report - Myers Langlie Mattix Unit

Dear Mr. Sexton:

OXY USA Inc. (OXY) would like to submit the attached closure reports for three pits and a tank battery location at our Myers Langlie Mattix Unit located in Lea County. Also, included for your information, is a copy of the closure report prepared by Big D Environmental Services, the contractor we used to remediate these sites. The closures were completed in October, 1994. Mr. Wayne Price of your office inspected the sites during closure.

If you have any questions concerning this closure report please contact me at (915) 685-5669.

Lance W. Bowers  
Engineering Tech  
Western Region

cc: C. Oney  
B. Meadows  
B. Hunt  
C. Pollard  
S. Nichols

State of New Mexico ← THIS COPY FOR  
Energy, Minerals and Natural Resources Department  
Oil Conservation Division  
P. O. Box 2088  
Santa Fe, New Mexico 87504-2088

F: Hobbs PFA NMOCD Correspondence

District I  
P.O. Box 1980, Hobbs, NM  
District II  
P.O. Drawer DD, Artesia, NM 88211  
District III  
1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico  
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

SUBMIT 1 COPY TO  
APPROPRIATE  
DISTRICT OFFICE  
AND 1 COPY TO  
SANTA FE OFFICE  
(Revised 3/9/94)

## PIT REMEDIATION AND CLOSURE REPORT

Operator: OXY USA INC. Telephone: 915/685-5669

Address: P. O. Box 50250, Midland, Texas 79710-0250

Facility Or: Myers Langlie Mattix Unit Battery near Well No. 227  
Well Name

Location: Unit or Qtr/Qtr Sec \_\_\_\_\_ Sec 10 T 24S R 37E County Lea

Pit Type: Separator \_\_\_ Dehydrator \_\_\_ Other \_\_\_ Battery \_\_\_

Land Type: BLM X, State \_\_\_, Fee \_\_\_, Other \_\_\_\_\_

Pit Location: Pit dimensions: length \_\_\_\_\_, width \_\_\_\_\_, depth 2.5'  
(Attach diagram)

Reference: wellhead \_\_\_, other \_\_\_\_\_

Footage from reference: \_\_\_\_\_

Direction from reference: \_\_\_\_\_ Degrees \_\_\_\_\_ East North \_\_\_\_\_  
of  
\_\_\_\_\_ West South \_\_\_\_\_

Depth To Ground Water: Less than 50 feet (20 points)  
(Vertical distance from 50 feet to 99 feet (10 points)  
contaminants to seasonal Greater than 100 feet (0 Points) NA  
high water elevation of  
ground water)

Wellhead Protection Area: Yes (20 points)  
(Less than 200 feet from a private No (0 points) NA  
domestic water source, or; less than  
1000 feet from all other water sources)

Distance To Surface Water: Less than 200 feet (20 points)  
(Horizontal distance to perennial 200 feet to 1000 feet (10 points)  
lakes, ponds, rivers, streams, creeks, Greater than 1000 feet (0 points) NA  
irrigation canals and ditches)

RANKING SCORE (TOTAL POINTS): \_\_\_\_\_

Date Remediation Started: 8/8/94 Date Completed: 10/26/94

Remediation Method: Excavation  Approx. cubic yards 59  
(Check all appropriate sections) Landfarmed  Insitu Bioremediation   
Other \_\_\_\_\_

Remediation Location: Onsite  Offsite \_\_\_\_\_  
(ie. landfarmed onsite, name and location of offsite facility)

General Description Of Remedial Action: \_\_\_\_\_  
Asphaltic materials and contaminated soil was removed and transported to CRI. A biocell was constructed and maintained until closure 10/26/94.

Ground Water Encountered: No  Yes \_\_\_\_\_ Depth \_\_\_\_\_

Final Pit: Sample location Composite of pit walls 448 TPH  
Closure Sampling: Biocell to 8" 3,345 TPH  
(if multiple samples, attach sample results and diagram of sample locations and depths) Sample depth \_\_\_\_\_  
Sample date 10/18/94 Sample time \_\_\_\_\_  
Sample Results  
Benzene (ppm) \_\_\_\_\_  
Total BTEX (ppm) \_\_\_\_\_  
Field headspace (ppm) \_\_\_\_\_  
TPH \_\_\_\_\_

Ground Water Sample: Yes \_\_\_\_\_ No  (If yes, attach sample results)

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF

DATE 2/7/95  
SIGNATURE Lance W. Bowers PRINTED NAME Lance W. Bowers  
AND TITLE Engineering Tech



OIL CONSERVATION DIVISION  
RECEIVED

1994 JUL 25 AM 8 50

OXY USA INC.

Box 50250, Midland, TX 79710

July 15, 1994

VIA OVERNIGHT MAIL

Mr. Jerry Sexton  
State of New Mexico  
Oil Conservation Division  
District 1 - Hobbs  
1000 W. Broadway  
Hobbs, NM 88240

Re: Unit Wide Pit and Tank Battery Closure Plan

Dear Mr. Sexton:

OXY USA Inc. (OXY) would like to submit the attached closure plan for your approval. The plan is a unit wide closure plan for three pits and two tank batteries located on our Myers Langlie Mattix Unit located in Lea County. Big D Environmental will be performing the remediation of the pits and batteries and have prepared this Remediation Action Plan (RAP) in accordance with the New Mexico Oil Conservation Divisions guidance document on closure of surface impoundments.

If you have any questions concerning the RAP please contact me at 915/685-5824.

Charles W. Lock  
Sr. Environmental Advisor

Attachment

cc: Chuck Pollard (w/attach)  
Sid Nichols (w/attach)

Mr. Wayne Price (w/attach)  
State of New Mexico Oil Conservation Division  
District 1 - Hobbs  
1000 W. Broadway  
Hobbs, NM 88240

F: Loco Hills PFA Corresp.

Submit 3 Copies  
to Appropriate  
District Office

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-103  
Revised 1-1-89

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

**OIL CONSERVATION DIVISION**  
310 Old Santa Fe Trail, Room 206  
Santa Fe, New Mexico 87503

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO.
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Myers Langlie Mattix
8. Well No.
9. Pool name or Wildcat

**SUNDRY NOTICES AND REPORTS ON WELLS**  
(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.)

1. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER See Block 12
2. Name of Operator OXY USA INC.
3. Address of Operator P. O. Box 50250, Midland, Texas 79710
4. Well Location Unit Letter _____ : _____ Feet From The _____ Line and _____ Feet From The _____ Line Section _____ Township _____ Range _____ NMPM _____ Lea _____ County _____
10. Elevation (Show whether DF, RKB, RT, GR, etc.)

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

<b>NOTICE OF INTENTION TO:</b>		<b>SUBSEQUENT REPORT OF:</b>	
PERFORM REMEDIAL WORK <input checked="" type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>		CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: _____ <input type="checkbox"/>		OTHER: _____ <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.  
Remediation of three (3) pits and two (2) tank batteries located on Unit. See attached Remedial Action Plan for location of pits and batteries.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.  
SIGNATURE Charles W. Lock TITLE Environmental Advisor DATE 7/15/94  
TYPE OR PRINT NAME Charles W. Lock TELEPHONE NO. 915/685-5824

(This space for State Use)  
APPROVED BY [Signature] TITLE DISTRICT I SUPERVISOR DATE JUL 19 1994  
CONDITIONS OF APPROVAL, IF ANY:

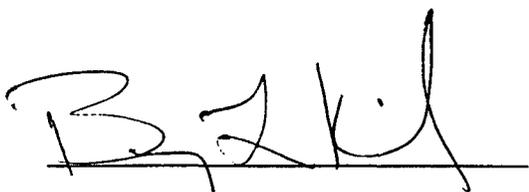
PROPOSED UNIT WIDE  
PIT CLOSURE AND TANK BATTERY REMEDIATION ACTION PLANS  
MYERS LANGLIE MATTIX UNIT, LEA COUNTY, NEW MEXICO

Prepared for:

Mr. Charles Lock  
Senior Environmental Advisor  
OXY USA  
P.O. Box 50250  
Midland, Texas 79710

Prepared by:

BIG D ENVIRONMENTAL SERVICES  
P.O. Box 7808  
Midland, Texas 79708

  
Barry L. Keith, Geologist

**NOTICE OF INTENTION TO PERFORM REMEDIAL WORK**

**PROPOSED UNIT WIDE  
PIT CLOSURE AND BATTERY SITE REMEDIATION ACTION PLAN**

Big D Environmental Services proposes to conduct the following Remedial Activities on the OXY USA, MYERS LANGLIE MATTIX UNIT, LEA COUNTY, NEW MEXICO.

Based on the hydrological data presented in a Phase I Environmental Assessment, conducted during October, 1994, at the Myers Langlie Mattix Unit, the ranking criteria (NMOCD Environ. Regs., Unlined Surface Impoundment Closure Guidelines, Section II.A.2.a.), would be Zero (0). This ranking indicates recommended remediation levels for this ranking score to be 10ppm Benzene, 50ppm for BTEX and 5000ppm for TPH. These are the target levels upon which the following REMEDIAL ACTION PLANS (RAP) are based.

The pits located near Well 196 and Well 226 contain "Sediment Oil". This material will be excavated and manifested to the CRI, Inc. recovery facility for processing. The "Sediment Oil" will be tested for recoverability, prior to transport.

The asphalt like pads, at the abandoned Battery Sites, will be excavated and manifested to CRI, Inc. disposal facility for disposal. These pads were apparently added, years ago, for enhanced vehicular access.

Five sites are addressed in this RAP and they are as follows (see attached plat for locations):

- \* Pit near Well 196--R37E, T24S, Sec9--660FNL, 2010FWL
- \* Pit near Well 226--R37E, T24S, Sec 11--1980FNL, 660FWL
- \* Pit near Well 11--R36E, T23S, Sec 25--660FNL, 1980FEL
- \* Old Battery Site near Well 227--  
R37E, T24S, Sec 10--1980FSL,1980FEL
- \* Old Battery Site Near Well 226--  
R37E, T24S, Sec 11--1980FNL,660FWL

The estimated start up date is immediately after NMOCD approval of this plan.

The Remedial Action Plan for the soils at the above sites is proposed as follows:

\* Priority will be given those sites where disposal is a factor.

\* The impacted soils at the site will be excavated and placed in an adjacent bermed area for bioremediation via enhanced landfarming.

\* The areas will be over excavated and composite samples will be collected to verify walls and bottoms are equal to or below ranking criteria levels.

\* The contaminated soils will be inoculated with a urea based nutrient, disced, tilled and moisturized.

\* Hay will be added as a bulking agent, moisture retainer and additional enhancement.

\* Fresh water will be applied on an as needed basis, via hand sprinklers.

\* A 120 day bio-maintenance program will be conducted as part of these remedial activities. This program includes one or more of the following: aeration, sample collecting, moisturization, re-inoculation, onsite inspections, etc.

\* Open pit areas will be protected by temporary fencing and appropriate signage.

\* Once ranking criteria levels are reached or exceeded, the remediated soils will be returned to the original site, graded to guideline specifications and then seeded with a BLM mix of native species.

\* A final Closure Report document, outlining procedures and results, will be prepared for submittal.

Soil samples collected at these sites will be taken to Environmental Lab of Texas, at Midland, Texas, for analyses. All samples will be analyzed using EPA or OCD approved methods. Soil sampling for laboratory analyses will be conducted using approved industry standards or other OCD approved procedures.

The enhanced remediation procedure is proposed, in order to shorten degradation time and maximize the remaining summer heat.

All remedial activities undertaken, will be done in accordance with all applicable federal, state and local regulations. An area wide Closure Document will be prepared for final closure.

