

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, 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-141  
Revised October 10, 2003

Submit 2 Copies to appropriate  
District Office in accordance  
with Rule 116 on back  
side of form

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company: Oxy USA	Contact: Tony Summers	
Address: 1017 West Stanolind Road, Hobbs, N.M. 88240	Telephone No: 505.397.8236 or Cell 505.390.9228	
Facility Name: East Eumont Unit	Facility Type: Production	
Surface- State of New Mexico	Mineral Owner	Lease No.

LOCATION OF RELEASE

Unit Letter J	Section 33	Township 18-S	Range 37-E	Feet from the 1980	North/South Line South	Feet from the 1980	East/West Line East	County Lea
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Latitude N 32° 42.018 Longitude W 103° 15.225

NATURE OF RELEASE

Type of Release Crude oil and produced water	Volume of Release: 4 bo x 80 bw	Volume Recovered: 3bo x 75bw
Source of Release - 4" steel line	Date and Hour of Occurrence 01/04/07 approx. 5 am	Date and Hour of Discovery 01/04/07 1pm
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Pat Caperton	
By Whom? Tony Summers	Date and Hour: 01/05/07	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.\*

Describe Cause of Problem and Remedial Action Taken.\* At 1 pm 01/04/07 operator found hole in shared trunk line for East Eumont Unit well #5 (Sat 1). Lease operator shut in wells and immediately called vacuum truck and installed emergency repair clamp. Vacuum truck picked up approximately 3 barrels of produced oil and 75 barrels of produced water. 4" steel line was in process of being replaced and was disconnected and new one tied in next day.

Describe Area Affected and Cleanup Action Taken.\* Area around spill is grass pasture with somewhat rocky soil. The contaminated area is in a quarter moon shape, please see attached hand drawn map for area size. Affected area will be remediated to NMOCD guidelines for leaks and spills. Actual leak is located approx. 475 feet southeast of EEU Well #5 (above legals refer to this particular well) down pipeline right of way.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: <u>Tony Summers</u>	OIL CONSERVATION DIVISION	
Printed Name: Tony Summers	Approved by District Supervisor: <u>[Signature]</u>	
Title: HES Technician Seminole RMT	Approval Date: <u>5-29-07</u>	Expiration Date: <u>7-29-07</u>
E-mail Address: tony_summers@oxy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 01/12/07 Phone: (505) 397-8236	Final Report Read By <u>[Signature]</u>	

\* Attach Additional Sheets If Necessary

Facility - SPAC0715131726  
Incident - n PAC0715131821  
Application - p PAC0715131909

ATTACH AREA DIMENSIONS,  
H&S DELINEATION, & SAMPLING  
RESULTS.

RPA# 1386



## **Occidental Permian Limited Partnership**

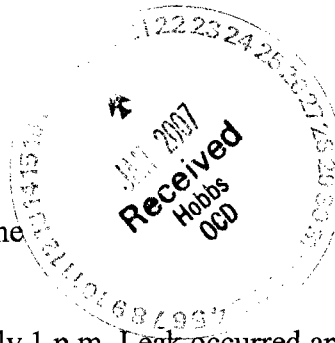
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January 12, 2007

New Mexico Oil Conservation Division  
District I  
1625 N. French Drive  
Hobbs, New Mexico 88240

Attn: Environmental Engineering

RE: Remediation Plan  
East Eumont Unit Well # 5, 4" steel trunk line  
UL 'J', Sec 33, T-18-S, R-37-E



Leak was found on 01/04/07 at approximately 1 p.m. Leak occurred approximately at 5 a.m. in 4" steel line (not buried). Line is closest to EEU well #5, but four other small producing wells also share line. Wells were shut in, valves closed, emergency repair clamp installed, and vacuum truck called to pick up all free fluids. Normal liquid rate for line is 140 barrels per day at average 60 pounds pressure. The area affected by the spill is a quarter moon shape, please see attached map for measurements. An estimated 4 BO and 80 BW were spilled and 3 BO and 75 BW were recovered. Oxy was in process of replacing this old line with new and actually had plans and did tie in new line next day. I called Pat Caperton's office and left message about leak on 01/05/07. Depth to ground water according to Pat Caperton with NMOCD is 50' giving this spill site a ranking of 10. Remediation of the spill site will be as follows:

1. Piping was replaced.
2. Affected area will be excavated and soil will be disposed of at J & L Landfarm.
3. Soil samples will be gathered from affected area.
4. NMOCD guidelines will be used to insure entire site is in compliance with guidelines.
5. Any soils removed will be replaced with clean fresh soils, where needed.
6. Soil analysis data will be submitted with final closure letter.

If you have any questions, or if I can be of further assistance, please contact me at 505.397.8326 or 505.390.9228.

Thank you,  
Tony Summers  
HES Technician/Seminole RMT  
tony\_summers@oxy.com

Attachments: Initial C-141  
Hand drawn map of spill site  
East Eumont Unit Water Analysis taken at East Eumont Central Battery  
Driving directions

# MITCHELL ANALYTICAL LABORATORY

2638 Faudree  
XOdessa, Texas 79765-8538  
561-5579

Company: **Nalco Energy Services**

Well Number: East Eumont Discharge  
Lease: OXY  
Location:  
Date Run: 5/30/2006  
Lab Ref #: 06-may-n29077

Sample Temp: 70  
Date Sampled: 5/30/2006  
Sampled by: David Morales  
Employee #: 27-019  
Analyzed by: DOM

## Dissolved Gases

		Mg/L	Eq. Wt.	MEq/L
Hydrogen Sulfide	(H <sub>2</sub> S)	53.00	16.00	3.31
Carbon Dioxide	(CO <sub>2</sub> )	<b>NOT ANALYZED</b>		
Dissolved Oxygen	(O <sub>2</sub> )	<b>NOT ANALYZED</b>		

## Cations

		Mg/L	Eq. Wt.	MEq/L
Calcium	(Ca++)	140.70	20.10	7.00
Magnesium	(Mg++)	336.72	12.20	27.60
Sodium	(Na+)	1,301.99	23.00	56.61
Barium	(Ba++)	<b>NOT ANALYZED</b>		
Manganese	(Mn+)	.09	27.50	.00

## Anions

		Mg/L	Eq. Wt.	MEq/L
Hydroxyl	(OH-)	.00	17.00	.00
Carbonate	(CO <sub>3</sub> =)	96.00	30.00	3.20
BiCarbonate	(HCO <sub>3</sub> -)	391.04	61.10	6.40
Sulfate	(SO <sub>4</sub> =)	405.00	48.80	8.30
Chloride	(Cl-)	2,602.86	35.50	73.32
Total Iron	(Fe)	0.14	18.60	.01
Total Dissolved Solids		5,327.54		
Total Hardness as CaCO <sub>3</sub>		1,732.30		
Conductivity MICROMHOS/CM		11,000		

pH 8.100 Specific Gravity 60/60 F. 1.004

CaSO<sub>4</sub> Solubility @ 80 F. 19.32 MEq/L, CaSO<sub>4</sub> scale is unlikely

## CaCO<sub>3</sub> Scale Index

70.0	.760	100.0	1.110	130.0	1.620
80.0	.890	110.0	1.350	140.0	1.620
90.0	1.110	120.0	1.350	150.0	1.850

*Nalco Energy Services*

## East Eumont Unit #5 Trunkline Driving instructions

From Hobbs NM intersection of 62/180 and West County Road, go 3.9 miles west on 62/180. Turn north thru cattle guard/gate and go 3/10 mile and road curves back west, go another 3/10 mile to East Eumont Unit well #5. Just as you get to well, turn south on pipeline right of way for approximately 475 feet. Leak was on above ground 4" steel line.