

**GW - 021**

**C-141s**

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

Form C-141  
Revised October 10, 2003

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

RECEIVED OCO  
Oil Conservation Division  
1220 South St. Francis Dr.  
Box 45 Santa Fe, NM 87505

2011 NOV 3 11:45  
**Release Notification and Corrective Action**

**OPERATOR**  Initial Report  Final Report

Name of Company OXY USA WTP LP	Contact WAGNER, CHARLES
Address 329 Marathon Rd, Lakewood	Telephone No. (575) 628-4151
Facility Name INDIAN BASIN GAS PLANT	Facility Type

Surface Owner	Mineral Owner INDIAN BASIN	Lease No.
---------------	----------------------------	-----------

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
G	23	21-S	23-E					Eddy

Latitude 32°27'52.502" Longitude 104°34'28.004"

**NATURE OF RELEASE**

Type of Release Gas	Volume of Release 596.3 MCF	Volume Recovered 0
Source of Release Residue Flare	Date and Hour of Occurrence 10/28/2011 1:05:00 PM	Date and Hour of Discovery 10/28/2011 1:05:00 PM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? MIKE BRATCHER	
By Whom? CLINT KIRKES	Date and Hour 10/28/2011 2:49 pm	
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.\*  
Cause:  
OPERATIONS WAS PUTTING EXPANDER BACK ONLINE AFTER BEING SHUT DOWN DUE TO BEING ON ETHANE REJECTION. WHEN PUTTING EXPANDER BACK ONLINE LIQUIDS CARRIED OVER FROM DEMETHANIZER TOWER CAUSING TOTAL SULFUR TO CLIMB IN THE RESIDUE GAS STREAM. THE INDIAN BASIN GAS PLANT FLARED RESIDUE GAS FOR 40 MINUTES  
Remedial Action Taken:  
PLANT OPERATORS MAINTAINED A STEADY FLOW RATE THROUGH THE CRYOGENIC PLANT IN ORDER FOR THE UPSET TO SETTLE OUT.

Describe Area Affected and Cleanup Action Taken.\*  
N/A

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: <i>Clint Kirkes</i>	<b>OIL CONSERVATION DIVISION</b>		
Printed Name: Clint Kirkes	Approved by District Supervisor:		
Title: <i>Plant Specialist</i>	Approval Date:	Expiration Date:	
E-mail Address: clinton_kirkes@oxy.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: <i>10/31/2011</i>	Phone: 575-628-4113		

\* Attach Additional Sheets If Necessary

District I  
1625 N. French Dr., Hobbs, NM 88240  
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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

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RECEIVED OCD  
2011 JUL 29 A 9:58  
Initial Report  Final Report

**Release Notification and Corrective Action**

**OPERATOR**

Name of Company OXY USA WTP LP	Contact BERNAL, THOMAS
Address 329 Marathon Rd, Lakewood	Telephone No. (575) 628-4112
Facility Name INDIAN BASIN GAS PLANT	Facility Type GAS PROCESSING

Surface Owner	Mineral Owner INDIAN BASIN	Lease No.
---------------	----------------------------	-----------

**LOCATION OF RELEASE**

Unit Letter G	Section 23	Township 21-S	Range 23-E	Feet from the	North/South Line	Feet from the	East/West Line	County Eddy
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Latitude 32°27'52.502" Longitude 104°34'28.004"

**NATURE OF RELEASE**

Type of Release Gas	Volume of Release 96.2 MCF	Volume Recovered 0
Source of Release Residue Flare	Date and Hour of Occurrence 7/26/2011 11:23:00 AM	Date and Hour of Discovery 7/26/2011 11:23:00 AM
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
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.* Cause: FLARED RESIDUE GAS STREAM 5 MINUTES ON HIGH OXYGEN CONTENT. Remedial Action Taken: CONTACTED OXY MEASUREMENT PERSONNEL TO AID IN LOCATING THE SOURCE OF THE OXYGEN. PLANT OPERATIONS STARTED TO TEST THE INLET GAS GATHERING LINES TO TRY AND DETERMINE THE SOURCE.		
Describe Area Affected and Cleanup Action Taken.* N/A		

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: <i>Clint Kirkes</i>	<b><u>OIL CONSERVATION DIVISION</u></b>	
Printed Name: Clint Kirkes	Approved by District Supervisor:	
Title: <i>Plant Specialist</i>	Approval Date:	Expiration Date:
E-mail Address: clinton_kirkes@oxy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: <i>7-27-2011</i> Phone: 575-628-4113		

\* Attach Additional Sheets If Necessary

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State of New Mexico  
Energy Minerals and Natural Resources

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

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**Release Notification and Corrective Action**

**OPERATOR**

Initial Report  Final Report

Name of Company OXY USA WTP LP	Contact BERNAL, THOMAS
Address 329 Marathon Rd, Lakewood	Telephone No. (575) 628-4112
Facility Name INDIAN BASIN GAS PLANT	Facility Type GAS PROCESSING PLANT

Surface Owner	Mineral Owner INDIAN BASIN	Lease No.
---------------	----------------------------	-----------

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County Eddy

Latitude 32°27'52.502" Longitude 104°34'28.004"

**NATURE OF RELEASE**

Type of Release Gas	Volume of Release 170.73 MCF	Volume Recovered 0
Source of Release Acid Gas Flare	Date and Hour of Occurrence 6/21/2011 5:48:00 PM	Date and Hour of Discovery 6/21/2011 5:48:00 PM
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
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.\*  
Cause:  
ACID GAS COMPRESSOR SHUT DOWN ON SECOND STAGE HIGH DIFFERENTIAL PRESSURE SHUTDOWN. WE ARE STILL TROUBLESHOOTING THE COMPRESSOR TO DETERMINE THE ROOT CAUSE.  
Remedial Action Taken:  
CALLED OFF SHIFT PERSONNEL TO START WARMING THE SULPHUR PLANT UP IN ORDER FOR IT TO BE PLACED ONLINE IN THE EVENT THAT THE ACID GAS COMPRESSOR CANNOT BE RESTARTED. ALSO CALLED OFF SHIFT PERSONNEL TO HELP TROUBLESHOOT THE COMPRESSOR IN ORDER TO FIND THE ROOT CAUSE.

Describe Area Affected and Cleanup Action Taken.\*

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: <i>Clint Kirkes</i>	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Clint Kirkes	Approved by District Supervisor:	
Title: <i>Plant Specialist</i>	Approval Date:	Expiration Date:
E-mail Address: clinton_kirkes@oxy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: <i>6/22/2011</i>	Phone: 575-628-4113	

\* Attach Additional Sheets If Necessary

District I  
1625 N French Dr, Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
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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

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**Release Notification and Corrective Action**

**OPERATOR**

Initial Report  Final Report

Name of Company OXY USA WTP LP	Contact BERNAL, THOMAS
Address 329 Marathon Rd, Lakewood	Telephone No. (575) 628-4112
Facility Name INDIAN BASIN GAS PLANT	Facility Type GAS PROCESSING FACILITY

Surface Owner	Mineral Owner INDIAN BASIN	Lease No.
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**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
								Eddy

Latitude 32°27'52.502" Longitude 104°34'28.004"

**NATURE OF RELEASE**

Type of Release Gas	Volume of Release 800.9 MCF	Volume Recovered 0
Source of Release Acid Gas Flare	Date and Hour of Occurrence 6/21/2011 5:48:00 PM	Date and Hour of Discovery 6/21/2011 5:48:00 PM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? MIKE BRATCHER	
By Whom? CLINT KIRKES	Date and Hour 06/23/11 8:55AM	
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.\*

Cause:  
ACID GAS COMPRESSOR SHUT DOWN ON SECOND STAGE HIGH DIFFERENTIAL PRESSURE SHUTDOWN. WE ARE STILL TROUBLESHOOTING THE COMPRESSOR TO DETERMINE THE ROOT CAUSE. 6/22/11 CONTACTED CONTRACT COMPRESSION COMPANY TO AID IN THE TROUBLESHOOTING AND REPAIRS OF THE ACID GAS COMPRESSOR. DURING THE TROUBLESHOOTING PROCESS WE DETERMIND WE HAD FAULTY PROCESS SAFETY VALVES. CONTACTED CONTRACT VALVE REPAIR COMPANY TO SERVICE AND REPAIR ALL PROCESS SAFETY VALVES. ALSO DETERMINED THE 1" SAFETY PURGE UNIT SHUTDOWN VALVE WAS LEAKING, WHICH CAUSED OPERATIONAL PROBLEMS WITH THE COMPRESSOR. PROBLEM WITH VALVE WAS CORRECTED. THE VOLUME FLARED IN THIS REPORT INCLUDES THE VOLUME OF 170.73 MCF FROM THE INITIAL REPORT SUBMITTED ON 6/22/11.

Remedial Action Taken:  
CALLED OFF SHIFT PERSONNEL TO START WARMING THE SULPHUR PLANT UP IN ORDER FOR IT TO BE PLACED ONLINE IN THE EVENT THAT THE ACID GAS COMPRESSOR CANNOT BE RESTARTED. ALSO CALLED OFF SHIFT PERSONNEL TO HELP TROUBLESHOOT THE COMPRESSOR IN ORDER TO FIND THE ROOT CAUSE. 6/22/11 CONTACTED OXY MEASUREMENT PERSONNEL TO REDUCE THE INLET GAS VOLUME TO THE INDIAN BASIN GAS PLANT. PLACED ACID GAS COMPRESSOR ONLINE AS EXPEDITIOUSLY AS POSSIBLE

Describe Area Affected and Cleanup Action Taken.\*

N/A

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: 	<b>OIL CONSERVATION DIVISION</b>
Printed Name: Clint Kirkes	Approved by District Supervisor:

Title: <i>Plant Specialist</i>	Approval Date:	Expiration Date:
E-mail Address: clinton_kirkes@oxy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: <i>6/23/11</i> Phone: 575-628-4113		

\* Attach Additional Sheets If Necessary

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  
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1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

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Revised October 10, 2003

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Santa Fe, NM 87505

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**Release Notification and Corrective Action**

RECEIVED OGD

OPERATOR 2011 JUN 14  Initial Report  Final Report

Name of Company OXY USA WTP LP	Contact BERNAL, THOMAS
Address 329 Marathon Rd, Lakewood	Telephone No. (575) 628-4112
Facility Name INDIAN BASIN GAS PLANT	Facility Type

Surface Owner	Mineral Owner INDIAN BASIN	Lease No.
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**LOCATION OF RELEASE**

Unit Letter	Section 23	Township 21-S	Range 23-E	Feet from the	North/South Line	Feet from the	East/West Line	County Eddy
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Latitude 32°27'52.502" Longitude 104°34'28.004"

**NATURE OF RELEASE**

Type of Release Gas	Volume of Release 56 MCF	Volume Recovered 0
Source of Release Acid Gas Flare - SSM	Date and Hour of Occurrence 5/25/2011 8:40:00 AM	Date and Hour of Discovery 5/25/2011 8:40:00 AM
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom? NA	
By Whom? NA	Date and Hour NA	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. NA	

If a Watercourse was Impacted, Describe Fully.\*  
NA

Describe Cause of Problem and Remedial Action Taken.\*  
Cause:  
QUARTERLY ACID GAS COMPRESSOR OIL CHANGE  
Remedial Action Taken.  
SENT TO FLARE TO REDUCE THE VOC AND H2S EMISSIONS. HAD ALL MATERIALS STAGED BEFORE UNIT WAS SHUTDOWN WHICH ALLOWED US TO COMPLETE JOB IN AN EXPEDITIOUS MANNER.

Describe Area Affected and Cleanup Action Taken.\*  
NA

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: 	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: SANDRA J BALLARD	Approved by District Supervisor:	
Title: HES SPECIALIST	Approval Date:	Expiration Date:
E-mail Address: sandy_ballard@oxy.com	Conditions of Approval	Attached <input type="checkbox"/>
Date: 6-10-2011	Phone: 575-513-8020	

\* Attach Additional Sheets If Necessary

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
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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

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**Release Notification and Corrective Action**

**OPERATOR**

Initial Report  Final Report

Name of Company OXY USA WTP LP	Contact BERNAL, THOMAS
Address 329 Marathon Rd, Lakewood	Telephone No. (575) 628-4112
Facility Name INDIAN BASIN GAS PLANT	Facility Type GAS PROCESSING

Surface Owner	Mineral Owner INDIAN BASIN	Lease No.
---------------	----------------------------	-----------

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
G	23	21-S	23-E					Eddy

Latitude 32°27'52.502" Longitude 104°34'28.004"

**NATURE OF RELEASE**

Type of Release Gas	Volume of Release 197.8 MCF	Volume Recovered 0
Source of Release Residue Flare	Date and Hour of Occurrence 5/27/2011 12:47:00 AM	Date and Hour of Discovery 5/27/2011 12:47:00 AM
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
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.\*  
Cause:  
FLARED 11 MINUTES DUE TO HIGH OXYGEN CONTENT IN THE RESIDUE GAS STREAM.  
Remedial Action Taken:  
CONTACTED OXY MEASUREMENT AND PLANT PERSONNEL TO LOCATE THE SOURCE OF OXYGEN.

Describe Area Affected and Cleanup Action Taken.\*  
N/A

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: <i>Clint Kirkes</i>	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Clint Kirkes	Approved by District Supervisor:	
Title: <i>Plant Specialist</i>	Approval Date:	Expiration Date:
E-mail Address: clinton_kirkes@oxy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: <i>5/31/11</i>	Phone: 575-628-4113	

2011 JUN -6 P 1:34 RECEIVED OOD

\* Attach Additional Sheets If Necessary

District I  
1625 N. French Dr., Hobbs, NM 88240  
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**Release Notification and Corrective Action**

**OPERATOR**

Initial Report  Final Report

Name of Company OXY USA WTP LP	Contact BERNAL, THOMAS	
Address 329 Marathon Rd, Lakewood	Telephone No. (575) 628-4112	
Facility Name INDIAN BASIN GAS PLANT	Facility Type GAS PROCESSING	
Surface Owner	Mineral Owner INDIAN BASIN	Lease No.

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
G	23	21-S	23-E					Eddy

**Latitude 32°27'52.502" Longitude 104°34'28.004"**

**NATURE OF RELEASE**

Type of Release Gas	Volume of Release 172.5 MCF	Volume Recovered 0
Source of Release Residue Flare	Date and Hour of Occurrence 5/27/2011 11:45:00 AM	Date and Hour of Discovery 5/27/2011 11:45:00 AM
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
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.* Cause: FLARED 13 MINUTES DUE TO HIGH OXYGEN CONTENT IN RESIDUE GAS STREAM. Remedial Action Taken: CONTACT OXY MEASUREMENT AND PLANT ON CALL PERSONNEL TO LOCATE THE SOURCE OF THE OXYGEN.		
Describe Area Affected and Cleanup Action Taken.* N/A		

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: <i>Clint Kirkes</i>	<b><u>OIL CONSERVATION DIVISION</u></b>	
Printed Name: Clint Kirkes	Approved by District Supervisor:	
Title: <i>Plant Specialist</i>	Approval Date:	Expiration Date:
E-mail Address: clinton_kirkes@oxy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: <i>5/31/11</i>	Phone: 575-628-4113	

\* Attach Additional Sheets If Necessary

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Energy Minerals and Natural Resources

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Santa Fe, NM 87505

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MAY 11 A 11:50

**Release Notification and Corrective Action**

**OPERATOR**

Initial Report  Final Report

Name of Company OXY USA WTP LP	Contact Bernal, Thomas	
Address 329 Marathon Rd, Lakewood	Telephone No. (575) 628-4112	
Facility Name INDIAN BASIN GAS PLANT	Facility Type Gas Processing	
Surface Owner	Mineral Owner INDIAN BASIN	Lease No.

**LOCATION OF RELEASE**

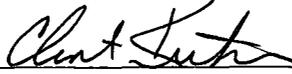
Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
G	23	21-S	23-E					Eddy

Latitude 32°27'52.502" Longitude 104°34'28.004"

**NATURE OF RELEASE**

Type of Release Gas to Flare	Volume of Release 88 MCF	Volume Recovered 0
Source of Release Residue Flare	Date and Hour of Occurrence 5/14/2011 12:25:00 PM	Date and Hour of Discovery 5/14/2011 12:25:00 PM
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
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.* Cause: FLARED FOR 5 MINIUTES ON HIGH OXYGEN CONTENT IN RESIDE GAS STREAM. Remedial Action Taken: Sampled inlet gathering lines to determine the source of O2. Due to short duration of the flare event, the source of the O2 could not be determined.		
Describe Area Affected and Cleanup Action Taken.* N/A		

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: 		<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Clinton Kirkes		Approved by District Supervisor:	
Title: Plant Specialist		Approval Date:	Expiration Date:
E-mail Address: clinton_kirkes@oxy.com		Conditions of Approval:	
Date: 5/16/2011	Phone: (575)628-4113	Attached <input type="checkbox"/>	

\* Attach Additional Sheets If Necessary

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

Form C-141  
Revised October 10, 2003

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

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Release Notification and Corrective Action MAY 21 12:01

OPERATOR

Initial Report  Final Report

Name of Company OXY USA WTP LP	Contact BERNAL, THOMAS
Address 329 Marathon Rd, Lakewood	Telephone No. (575) 628-4112
Facility Name INDIAN BASIN GAS PLANT	Facility Type Gas Processing Plant

Surface Owner	Mineral Owner INDIAN BASIN	Lease No.
---------------	----------------------------	-----------

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
G	23	21-S	23-E					Eddy

Latitude 32°27'52.502" Longitude 104°34'28.004"

NATURE OF RELEASE

Type of Release Gas	Volume of Release 4337.09 MCF	Volume Recovered 0
Source of Release Residue Flare	Date and Hour of Occurrence 5/26/2011 12:57:00 AM	Date and Hour of Discovery 5/26/2011 12:57:00 AM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Mike Bratcher	
By Whom? Clint Kirkes	Date and Hour 05/26/2011 08:58am	
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.\*  
Cause:  
FLARED ON HIGH OXYGEN CONTENT IN RESIDUE GAS STREAM.  
Remedial Action Taken:  
Indian Basin Plant Operations called OXY Measurement Specialist and Plant on call personnel to aid in the search for the oxygen source. On call personnel found that a third party producer had placed a well online after workover with out following proper procedure which caused the high oxygen content. Well was shut in and the oxygen level dropped.

Describe Area Affected and Cleanup Action Taken.\*  
N/A

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: <i>Clint Kirkes</i>	<u>OIL CONSERVATION DIVISION</u>	
Printed Name: Clint Kirkes	Approved by District Supervisor:	
Title: <i>Plant Specialist</i>	Approval Date:	Expiration Date:
E-mail Address: clinton_kirkes@oxy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: <i>5/26/11</i>	Phone: 575-628-4113	

\* Attach Additional Sheets If Necessary

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

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Energy Minerals and Natural Resources

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**Release Notification and Corrective Action**

2011 MAR -3 P 1:26

**OPERATOR**

Initial Report  Final Report

Name of Company OXY USA WTP LP	Contact KIRKES, CLINT
Address 329 Marathon Rd, Lakewood	Telephone No. (575) 628-4113
Facility Name INDIAN BASIN GAS PLANT	Facility Type Gas Processing

Surface Owner	Mineral Owner INDIAN BASIN	Lease No.
---------------	----------------------------	-----------

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
G	23	21-S	23-E					Eddy

Latitude 32°27'52.502" Longitude 104°34'28.004"

**NATURE OF RELEASE**

Type of Release Gas	Volume of Release 128 MCF	Volume Recovered 0
Source of Release Residue Flare	Date and Hour of Occurrence 2/26/2011 3:13:00 PM	Date and Hour of Discovery 2/26/2011 3:13:00 PM
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
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.\*  
Cause:  
FLARED 128MCF OF RESIDUE GAS DUE TO HIGH OXYGEN CONTENT.  
Remedial Action Taken:  
PLANT OPERATORS USED A PORTABLE OXYGEN ANALYZER TO TEST GATHERING LINES IN THE FIELD. FLARE LASTED SIX MINUTES. BY THE TIME THE OPERATOR SET UP TO TEST FOR OXYGEN THE FLARE WAS OUT.

Describe Area Affected and Cleanup Action Taken.\*  
N/A

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: <i>Clint Kirkes</i>	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Clint Kirkes	Approved by District Supervisor:	
Title: <i>Plant Specialist</i>	Approval Date:	Expiration Date:
E-mail Address: clinton_kirkes@oxy.com	Conditions of Approval:	
Date: <i>2/28/2011</i> Phone: 575-628-4113	Attached <input type="checkbox"/>	

\* Attach Additional Sheets If Necessary

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

Form C-141  
Revised October 10, 2003

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

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Release Notification and Corrective Action 2011 FEB 25 P 12:42

OPERATOR  Initial Report  Final Report

Name of Company OXY USA WTP LP	Contact KIRKES, CLINT	
Address 329 Marathon Rd, Lakewood	Telephone No. (575) 628-4113	
Facility Name INDIAN BASIN GAS PLANT	Facility Type Gas Processing	
Surface Owner	Mineral Owner INDIAN BASIN	Lease No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
G	23	21-S	23-E					Eddy

Latitude 32°27'52.502" Longitude 104°34'28.004"

NATURE OF RELEASE

Type of Release Gas	Volume of Release 56 MCF	Volume Recovered 0
Source of Release Residue Flare	Date and Hour of Occurrence 2/19/2011 1:20:00 PM	Date and Hour of Discovery 2/19/2011 1:20:00 PM
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
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.* Cause: FLARED 56MCF OF RESIDUE GAS DUE TO HIGH OXYGEN CONTENT. Remedial Action Taken: SAMPLED INLET GAS LINES FOR OXYBEN BUT DUE TO THE SHORT DURATION OF THE FLARE OPERATIONS COULD NOT DETERMINE THE SOURCE OF THE OXYGEN.		
Describe Area Affected and Cleanup Action Taken.* N/A		

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: <i>Clint Kirkes</i>	<u>OIL CONSERVATION DIVISION</u>	
Printed Name: Clint Kirkes	Approved by District Supervisor:	
Title: <i>Plant Specialist</i>	Approval Date:	Expiration Date:
E-mail Address: clinton_kirkes@oxy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: <i>2/22/2011</i> Phone: 575-628-4113		

\* Attach Additional Sheets If Necessary

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

Form C-141  
Revised October 10, 2003

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

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with Rule 116 on back  
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Release Notification and Corrective Action

RECEIVED OGD

OPERATOR

Initial Report  Final Report

Name of Company OXY USA WTP LP	Contact KIRKES CLINT	
Address 329 Marathon Rd, Lakewood	Telephone No. (575) 628-4113	
Facility Name INDIAN BASIN GAS PLANT	Facility Type Gas Processing Plant	
Surface Owner	Mineral Owner INDIAN BASIN	Lease No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
G	23	21-S	23-E					Eddy

Latitude 32°27'52.502" Longitude 104°34'28.004"

NATURE OF RELEASE

Type of Release Gas	Volume of Release 42161.33 MCF	Volume Recovered 0
Source of Release Residue Flare	Date and Hour of Occurrence 2/2/2011 5:00:00 AM	Date and Hour of Discovery 2/2/2011 5:00:00 AM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Mike Bratcher	
By Whom? Clint Kirkes	Date and Hour 02/07/2011 3:19pm	
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.* Cause: PLANT DOWN DUE TO LOSS OF INSTRUMENT AIR. Remedial Action Taken: Contacted field producers to reduce inlet gas rate.		
Describe Area Affected and Cleanup Action Taken.* N/A		

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: <i>Clint Kirkes</i>	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Clint Kirkes	Approved by District Supervisor:	
Title: <i>Plant Specialist</i>	Approval Date:	Expiration Date:
E-mail Address: clinton_kirkes@oxy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: <i>2/15/11</i>	Phone: 575-628-4113	

\* Attach Additional Sheets If Necessary

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

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side of form

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Release Notification and Corrective Action 2011 FEB -9 P 1:19

OPERATOR

Initial Report  Final Report

Name of Company OXY USA WTP LP	Contact KIRKES, CLINT
Address 329 Marathon Rd, Lakewood	Telephone No. (575) 628-4113
Facility Name INDIAN BASIN GAS PLANT	Facility Type GAS PROCESSING

Surface Owner	Mineral Owner INDIAN BASIN	Lease No.
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LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
G	23	21-S	23-E					Eddy

Latitude 32°27'52.502" Longitude 104°34'28.004"

NATURE OF RELEASE

Type of Release Gas	Volume of Release 12692.83 MCF	Volume Recovered 0
Source of Release Residue Flare	Date and Hour of Occurrence 2/2/2011 5:00:00 AM	Date and Hour of Discovery 2/2/2011 5:00:00 AM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Mike Bratcher	
By Whom? Clint Kirkes	Date and Hour 02/03/2011 09:00am	
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.\*  
Cause:  
PLANT DOWN DUE TO LOSS OF INSTRUMENT AIR.  
Remedial Action Taken:  
Contacted field producers to reduce inlet gas rate. All instrument air compressors went down due to extremely cold ambient air temperatures. We are in the process of weather proofing the building in which the air compressors are in prevent future recurrence..

Describe Area Affected and Cleanup Action Taken.\*

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: <i>Clint Kirkes</i>	<u>OIL CONSERVATION DIVISION</u>	
Printed Name: Clint Kirkes	Approved by District Supervisor:	
Title: <i>Plant Specialist</i>	Approval Date:	Expiration Date:
E-mail Address: clinton_kirkes@oxy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: <i>02/03/2011</i> Phone: 575-628-4113		

\* Attach Additional Sheets If Necessary

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

Form C-141  
Revised October 10, 2003

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

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

**Release Notification and Corrective Action** 19 P 1:20

**OPERATOR**

Initial Report  Final Report

Name of Company OXY USA WTP LP	Contact KIRKES, CLINT
Address 329 Marathon Rd, Lakewood	Telephone No. (575) 628-4113
Facility Name INDIAN BASIN GAS PLANT	Facility Type GAS PROCESSING

Surface Owner	Mineral Owner INDIAN BASIN	Lease No.
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**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County Eddy
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Latitude 32°27'52.502" Longitude 104°34'28.004"

**NATURE OF RELEASE**

Type of Release Gas	Volume of Release 296 MCF	Volume Recovered 0
Source of Release Acid Gas Flare	Date and Hour of Occurrence 1/14/2011 8:00:00 PM	Date and Hour of Discovery 1/14/2011 8:00:00 PM
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
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.\*

Cause:  
FLARED DUE TO INCREASE OF INLET GAS RATE WHICH CAUSE LIQUIDS TO BE SWEEPED FROM GATHERING LINES INTO PLANT INLET SCRUBBER. THE HIGH VOLUME OF LIQUIDS CAUSED THE INLET SCRUBBER TO CARRY OVER INTO THE INLET FILTER COALESCER WHICH THEN DUMPED TO THE STABILIZER SYSTEM WHICH CAUSED THE OVERPRESSRE SITUATION.  
Remedial Action Taken:  
OPERATORS MONITORED THE DUMPING OF EACH VESSEL. WHEN THE LEVELS RETURNED TO NORMAL THE PRESSURE DROPPED AND THE FLARE STOPPED.

Describe Area Affected and Cleanup Action Taken.\*

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: <i>Clint Kirkes</i>	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Clint Kirkes	Approved by District Supervisor:	
Title: <i>Plant Specialist</i>	Approval Date:	Expiration Date:
E-mail Address: clinton_kirkes@oxy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: <i>1/17/2011</i>	Phone: (575)628-4113	

\* Attach Additional Sheets If Necessary

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
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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

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Revised October 10, 2003

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2010 DEC 20 P 12:40

Release Notification and Corrective Action

OPERATOR

Initial Report  Final Report

Name of Company OXY USA WTP LP	Contact KIRKES, CLINT	
Address 329 Marathon Rd, Lakewood	Telephone No. (575) 628-4113	
Facility Name INDIAN BASIN GAS PLANT	Facility Type GAS PROCESSING PLANT	
Surface Owner	Mineral Owner INDIAN BASIN	Lease No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
								Eddy

Latitude 32°27'52.502" Longitude 104°34'28.004"

NATURE OF RELEASE

Type of Release Gas	Volume of Release 108 MCF	Volume Recovered 0
Source of Release Acid Gas Flare	Date and Hour of Occurrence 12/13/2010 5:15:00 PM	Date and Hour of Discovery 12/13/2010 5:15:00 PM
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
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.\*

Cause:  
FLARED 108 MCF DUE TO FIELD PRODUCERS RUNNING A PIG WHICH CAUSED A SLUG OF LIQUID TO ENTER THE PLANT. THIS CAUSED OUR INLET FILTER COALESCER TO FILL UP AND DUMP. THE SOLENOID THAT OPENS THE DUMP VALVE DID NOT CLOSE WHICH CAUSED THE FLARE EVENT.  
Remedial Action Taken:  
OPERATOR FOUND THE DUMP VALVE OPEN DUE TO THE SOLENOID BEING STUCK. HE GOT THE SOLENOID VALVE TO RESET.

Describe Area Affected and Cleanup Action Taken.\*  
N/A

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: <i>Clint Kirkes</i>	<u>OIL CONSERVATION DIVISION</u>	
Printed Name: Clint Kirkes	Approved by District Supervisor:	
Title: <i>Plant Specialist</i>	Approval Date:	Expiration Date:
E-mail Address: clinton_kirkes@oxy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: <i>12/14/10</i>	Phone: 575-628-4113	

\* Attach Additional Sheets If Necessary

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
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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

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Revised October 10, 2003

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side of form

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Release Notification and Corrective Action

2010 DEC -3 P 12:51

OPERATOR

Initial Report  Final Report

Name of Company OXY USA WTP LP	Contact KIRKES, CLINT
Address 329 Marathon Rd, Lakewood	Telephone No. (575) 628-4113
Facility Name INDIAN BASIN GAS PLANT	Facility Type GAS PROCESSING

Surface Owner	Mineral Owner INDIAN BASIN	Lease No.
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LOCATION OF RELEASE

Unit Letter G	Section 23	Township 21-S	Range 23-E	Feet from the	North/South Line	Feet from the	East/West Line	County Eddy
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Latitude 32°27'52.502" Longitude 104°34'28.004"

NATURE OF RELEASE

Type of Release Gas	Volume of Release 60.6 MCF	Volume Recovered 0
Source of Release Utility Flare	Date and Hour of Occurrence 11/27/2010 8:03:00 AM	Date and Hour of Discovery 11/27/2010 8:03:00 AM
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
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.* Cause: ACID GAS COMPRESSOR SHUT DOWN ON FIRST STAGE HIGH LIQUID LEVEL. Remedial Action Taken: RESTARTED COMPRESSOR AFTER PROBLEM WAS RESOLVED.		
Describe Area Affected and Cleanup Action Taken.*		

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: <i>Clint Kirkes</i>	<u>OIL CONSERVATION DIVISION</u>	
Printed Name: Clint Kirkes	Approved by District Supervisor:	
Title: <i>Plant Specialist</i>	Approval Date:	Expiration Date:
E-mail Address: clinton_kirkes@oxy.com	Conditions of Approval:	
Date: <i>11/29/10</i> Phone: (575) 628-4113	Attached <input type="checkbox"/>	

\* Attach Additional Sheets If Necessary

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  
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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

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**Release Notification and Corrective Action**

**OPERATOR**

Initial Report  Final Report

Name of Company OXY USA WTP LP	Contact KIRKES, CLINT	
Address 329 Marathon Rd, Lakewood	Telephone No. (575) 628-4113	
Facility Name INDIAN BASIN GAS PLANT	Facility Type GAS PROCESSING	
Surface Owner	Mineral Owner INDIAN BASIN	Lease No.

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
G	23	21-S	23-E					Eddy

**Latitude 32°27'52.502" Longitude 104°34'28.004"**

**NATURE OF RELEASE**

Type of Release Gas	Volume of Release 90.5 MCF	Volume Recovered 0
Source of Release Utility Flare	Date and Hour of Occurrence 11/9/2010 2:30:00 PM	Date and Hour of Discovery 11/9/2010 2:30:00 PM
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
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.* N/A		
Describe Cause of Problem and Remedial Action Taken.* Cause: FLARED 90.5MCF DUE TO A THIRD PARTY FIELD PRODUCER RUNNING A PIG WHICH FLOODED THE PLANT INLET SCRUBBERS WITH LIQUID. THIS CAUSED AN OVERPRESSURE SITUATION IN OUR CONDENSATE STABILIZATION SYSTEM RESULTING IN THE EXCESS PRESSURE BEING DIRECTED TO THE FLARE. Remedial Action Taken: CALLED FIELD PRODUCERS TO FIND OUT THE CAUSE OF THE EXCESS LIQUIDS. THIRD PARTY FIELD PRODUCER NOTIFIED PLANT PERSONNEL THAT THE PIPELINE PIG HAD GOT STUCK AND BACKED UP PRESSURE. WHEN IT BROKE LOOSE THE PLANT INLET WAS OVERCOME WITH LIQUIDS. PLANT PERSONNEL DUMPED LIQUIDS OFF OF INLET SCRUBBERS. ONCE LEVELS RETURNED TO NORMAL THE PRESSURE CAME DOWN.		
Describe Area Affected and Cleanup Action Taken.*		

RECEIVED ODD  
2010 NOV 15 P 3:15

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.

**OIL CONSERVATION DIVISION**

Signature: 	Approved by District Supervisor:	
Printed Name: Clint Kirkes	Approval Date:	Expiration Date:
Title: Plant Specialist	Attached <input type="checkbox"/>	
E-mail Address: clinton_kirkes@oxy.com	Conditions of Approval:	

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2010 OCT 12 P 1:31

**Release Notification and Corrective Action**

**OPERATOR**

Initial Report  Final Report

Name of Company OXY USA WTP LP	Contact KIRKES, CLINT
Address 329 Marathon Rd, Lakewood	Telephone No. (575) 628-4113
Facility Name INDIAN BASIN GAS PLANT	Facility Type GAS PROCESSING

Surface Owner	Mineral Owner INDIAN BASIN	Lease No.
---------------	----------------------------	-----------

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
G	23	21-S	23-E					Eddy

Latitude 32°27'52.502" Longitude 104°34'28.004"

**NATURE OF RELEASE**

Type of Release Gas	Volume of Release 1956.9 MCF	Volume Recovered 0
Source of Release Residue Flare	Date and Hour of Occurrence 10/6/2010 3:35:00 AM	Date and Hour of Discovery 10/6/2010 3:35:00 AM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Mike Bratcher	
By Whom? Clint Kirkes	Date and Hour 10/07/2010 08:57 am	
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.\*

Cause:  
FLARED RESIDUE GAS DUE TO HIGH OXYGEN CONTENT.  
Remedial Action Taken:  
PLANT OPERATIONS CALLED OUT PLANT AND FIELD PERSONNEL ON CALL TO START MONITORING THE GATHERING SYSTEM FOR SOURCE OF THE OXYGEN. FIELD PERSONNEL LOCATED THE SOURCE OF THE OXYGEN AND BLOCKED IN THE FLOWLINE.

Describe Area Affected and Cleanup Action Taken.\*

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: <i>Clint Kirkes</i>	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Clint Kirkes	Approved by District Supervisor:	
Title: <i>Plant Specialist</i>	Approval Date:	Expiration Date:
E-mail Address: clinton_kirkes@oxy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: <i>10/7/2010</i> Phone: (575)628-4113		

\* Attach Additional Sheets If Necessary

## Chavez, Carl J, EMNRD

---

**From:** Strange, Aaron [aaron.strange@hollycorp.com]  
**Sent:** Thursday, August 26, 2010 2:33 PM  
**To:** Chavez, Carl J, EMNRD; Monzeglio, Hope, NMENV; Dade, Randy, EMNRD; Hill, Larry, EMNRD  
**Cc:** Moore, Darrell; Lackey, Johnny  
**Subject:** C-141 Spill Report  
**Attachments:** 2010-08-21 API Sewer Overflow.pdf

Carl, Randy, Buddy, and Hope,

Please see the attached C-141.

Thanks,

**Aaron Strange**  
**Environmental Technician, Senior**

Environmental Department  
Navajo Refining Co, LLC  
Artesia NM  
Off: (575) 746-5468  
Cell: (575) 703-5057

---

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### Release Notification and Corrective Action

#### OPERATOR

Initial Report     Final Report

Name of Company: Navajo Refining Co. LLC	Contact: Aaron Strange
Address: 501 E. Main Street Artesia, N.M. 88210	Telephone No. 575-748-3311
Facility Name: Artesia Refinery	Facility Type: Petroleum Refinery

Surface Owner	Mineral Owner	Lease No.
---------------	---------------	-----------

#### LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
-------------	---------	----------	-------	---------------	------------------	---------------	----------------	--------

Latitude \_\_\_\_\_ Longitude \_\_\_\_\_

#### NATURE OF RELEASE

Type of Release: Spill of Water and Hydrocarbon (Oily Water Sewer Overflow)	Volume of Release: ~5 barrels	Volume Recovered: 0
Source of Release: Oily Water Sewers near API (Oil Water Separator) in Unit 80 Waste Water Treater.	Date and Hour of Occurrence: 08/21/2010 ~ 17:30	Date and Hour of Discovery: 08/21/2010 ~ 18:30
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Left voicemail with Santa Fe OCD (575-476-3490). Left voicemail with Artesia OCD (575-748-1283 ext 104). Left voicemail with NMED Haz Waste Bureau (505-476-6000).	
By Whom? Gabriela Combs	Date and Hour: 08/21/2010 at ~19:00 to Santa Fe OCD, 08/21/2010 at ~19:10 to Artesia OCD, and 08/021/2010 at ~19:01 to NMED.	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. NA	

If a Watercourse was Impacted, Describe Fully.\* NA

Describe Cause of Problem and Remedial Action Taken.\*  
On 08/21/10 at ~ 18:30 an operator discovered that the Oily Water Sewers near the API (Oil Water Separator) were overflowing onto the ground. A heavy rainstorm caused the sewer near the API to overflow. The two trash pumps were turned on until the level came down.

Describe Area Affected and Cleanup Action Taken.\*  
The area affected starts at the north end of the API lift station and runs east where it soaked in on the west side of the TEL (Tetra Ethel Lead) impoundment. The contaminated soil will be disposed of properly. Bottom Hole samples will be collected after it has been cleaned up.

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: 	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Aaron Strange	Approved by District Supervisor:	
Title: Sr. Environmental Technician	Approval Date:	Expiration Date:
E-mail Address: aaron.strange@hollycorp.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 08/26/2010	Phone: 575-703-5057	

District I  
1625 N. French Dr., Hobbs, NM 88240  
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1301 W. Grand Avenue, Artesia, NM 88210  
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**Release Notification and Corrective Action**

**OPERATOR**

2010 Initial Report:  Final Report:

Name of Company OXY USA WTP LP	Contact KIRKES, CLINT
Address 329 Marathon Rd. Lakewood	Telephone No. (575) 628-4113
Facility Name INDIAN BASIN GAS PLANT	Facility Type GAS PROCESSING

Surface Owner	Mineral Owner INDIAN BASIN	Lease No.
---------------	----------------------------	-----------

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
G	23	21-S	23-E					Eddy

Latitude 32°27'52.502" Longitude 104°34'28.004"

**NATURE OF RELEASE**

Type of Release Gas	Volume of Release 54.5 MCF	Volume Recovered 0
Source of Release Utility Flare	Date and Hour of Occurrence 7/28/2010 5:11:00 PM	Date and Hour of Discovery 7/28/2010 5:11:00 PM
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
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.\*

Cause:  
ACID GAS COMPRESSOR DOWN DUE TO LOSS OF POWER FROM LIGHTNING STRIKE.  
Remedial Action Taken:  
WAITED FOR CVE TO RESTORE POWER AND PLACED COMPRESSOR ONLINE.

Describe Area Affected and Cleanup Action Taken.\*  
GAS WAS FLARED. NO CLEANUP NEEDED.

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: <i>Clint Kirkes</i>	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: CLINT KIRKES	Approved by District Supervisor:	
Title: <i>Plant Specialist</i>	Approval Date:	Expiration Date:
E-mail Address: clinton_kirkes@oxy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: <i>7/29/2010</i>	Phone: (575) 628-4113	

\* Attach Additional Sheets If Necessary

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
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Release Notification and Corrective Action

2010 JUN 28 P 2:11

OPERATOR

Initial Report  Final Report

Name of Company OXY USA WTP LP	Contact KIRKES, CLINT
Address 329 Marathon Rd, Lakewood	Telephone No. (575) 628-4113
Facility Name INDIAN BASIN GAS PLANT	Facility Type GAS PROCESSING

Surface Owner	Mineral Owner INDIAN BASIN	Lease No.
---------------	----------------------------	-----------

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
G	23	21-S	23-E					Eddy

Latitude 32°27'52.502" Longitude 104°34'28.004"

NATURE OF RELEASE

Type of Release Gas	Volume of Release 342 MCF	Volume Recovered 0
Source of Release Residue Flare	Date and Hour of Occurrence 6/23/2010 4:23:00 PM	Date and Hour of Discovery 6/23/2010 4:23:00 PM
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
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.\*  
Cause:  
FLARED 342MCF OF RESIDUE GAS DUE TO HIGH TOTAL SULFUR CONTENT. CHEVRON PIPELINE STARTED A 48 HOUR SHUTDOWN TUESDAY MORNING WHICH CAUSED US TO WARM OR CRYO UNIT UP IN ORDER TO CURTAIL NGL PRODUCTION. THIS CAUSED A MINOR UPSET OF THE CRYO UNIT WHICH LEAD TO THE HIGH TOTAL SULFUR FLARE.  
Remedial Action Taken:  
WE CORRECTED THE UPSET AND THE TOTAL SULFUR DROPPED BELOW THE FLARE SETPOINT.

Describe Area Affected and Cleanup Action Taken.\*

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: <i>Clint Kirkes</i>	<u>OIL CONSERVATION DIVISION</u>	
Printed Name: Clint Kirkes	Approved by District Supervisor:	
Title: <i>Plant Specialist</i>	Approval Date:	Expiration Date:
E-mail Address: clinton_kirkes@oxy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: <i>6/24/2010</i> Phone: (575)628-4113		

\* Attach Additional Sheets If Necessary

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1625 N. French Dr., Hobbs, NM 88240  
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2010 JUN 28 P 2:11

**Release Notification and Corrective Action**

**OPERATOR**

Initial Report  Final Report

Name of Company OXY USA WTP LP	Contact KIRKES, CLINT
Address 329 Marathon Rd, Lakewood	Telephone No. (575) 628-4113
Facility Name INDIAN BASIN GAS PLANT	Facility Type Gas Processing

Surface Owner	Mineral Owner INDIAN BASIN	Lease No.
---------------	----------------------------	-----------

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
G	23	21-S	23-E					Eddy

Latitude 32°27'52.502" Longitude 104°34'28.004"

**NATURE OF RELEASE**

Type of Release Gas	Volume of Release 2799.99 MCF	Volume Recovered 0
Source of Release Residue Flare	Date and Hour of Occurrence 6/22/2010 11:41:00 AM	Date and Hour of Discovery 6/22/2010 11:41:00 AM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Mike Bratcher	
By Whom? Clint Kirkes	Date and Hour 06/23/2010 12:58pm	
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.\*

Cause:  
FLARED- 2799.99 MCF OF RESIDUE GAS DUE TO HIGH OXYGEN.  
Remedial Action Taken:  
WE NOTIFIED FIELD PRODUCERS OF THE HIGH OXYGEN. WE FOUND WHICH GATHERING LINE THE OXYGEN WAS COMING FROM AND SHUT IT IN.

Describe Area Affected and Cleanup Action Taken.\*

N/A

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: <i>Clint Kirkes</i>	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Clint Kirkes	Approved by District Supervisor:	
Title: <i>Plant Specialist</i>	Approval Date:	Expiration Date:
E-mail Address: clinton_kirkes@oxy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: <i>6/23/2010</i> Phone: (575)628-4113		

\* Attach Additional Sheets If Necessary

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**Release Notification and Corrective Action**

**OPERATOR**

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 Initial Report  Final Report

Name of Company OXY USA WTP LP	Contact KIRKES, CLINT
Address 329 Marathon Rd. Lakewood	Telephone No. (575) 628-4113
Facility Name INDIAN BASIN GAS PLANT	Facility Type GAS PROCESSING
Surface Owner	Mineral Owner INDIAN BASIN
Lease No.	

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
G	23	21-S	23-E					Eddy

Latitude 32°27'52.502" Longitude 104°34'28.004"

**NATURE OF RELEASE**

Type of Release Gas	Volume of Release 4237 MCF	Volume Recovered 0
Source of Release Residue Flare	Date and Hour of Occurrence 6/19/2010 11:35:00 AM	Date and Hour of Discovery 6/19/2010 11:35:00 AM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Mike Bratcher	
By Whom? Clint Kirkes	Date and Hour 06/21/2010 1:23pm	
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.\*  
Cause:  
FLARE 4237.0 MCF OF RESIDUE GAS DUE TO HIGH OXYGEN CONTENT FROM FIELD PRODUCERS.  
Remedial Action Taken:  
WE TESTED EACH INCOMING FIELD GATHERING LINE. WE DETERMINED IT WAS COMING FROM LINE 3 GATHERING LINE. PRODUCERS WERE NOTIFIED AND TRIED TO LOCATE THE SOURCE OF THE OXYGEN.

Describe Area Affected and Cleanup Action Taken.\*

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: <i>Clint Kirkes</i>	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Clint Kirkes	Approved by District Supervisor:	
Title: <i>Plant Specialist</i>	Approval Date:	Expiration Date:
E-mail Address: clinton_kirkes@oxy.com	Conditions of Approval:	
Date: <i>6/21/2010</i> Phone: (575)628-4113	Attached <input type="checkbox"/>	

\* Attach Additional Sheets If Necessary

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**Release Notification and Corrective Action**

**OPERATOR**

Initial Report  Final Report

Name of Company OXY USA	Contact KIRKES, CLINT
Address 329 Marathon Rd, Lakewood	Telephone No. (575) 628-4113
Facility Name INDIAN BASIN GAS PLANT	Facility Type Gas Processing

Surface Owner	Mineral Owner INDIAN BASIN	Lease No.
---------------	----------------------------	-----------

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
G	23	21-S	23-E					Eddy

Latitude 32°27'52.502" Longitude 104°34'28.004"

**NATURE OF RELEASE**

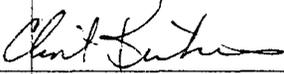
Type of Release Gas	Volume of Release 2.49 MCF	Volume Recovered 0
Source of Release Utility Flare	Date and Hour of Occurrence 6/16/2010 6:10:00 PM	Date and Hour of Discovery 6/16/2010 6:10:00 PM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Mike Bratcher	
By Whom? Clint Kirkes	Date and Hour 06/17/2010 12:20pm	
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.\*  
Cause:  
FLARED 2.99MMCF OF INLET GAS AND 2.5MCF OF ACID GAS DUE TO A TOTAL BLACKOUT CAUSED BY A LIGHTNING STRIKE TO THE UTILITY POWER LINES.  
Remedial Action Taken:  
RESTORED POWER AND PLACED PLANT BACK ONLINE.

Describe Area Affected and Cleanup Action Taken.\*

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: 	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Clint Kirkes	Approved by District Supervisor:	
Title: Plant Specialist	Approval Date:	Expiration Date:
E-mail Address: clinton_kirkes@oxy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 6/17/2010 Phone: 575-628-4113		

\* Attach Additional Sheets If Necessary

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

Form C-141  
Revised October 10, 2003

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

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District Office in accordance  
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**Release Notification and Corrective Action**

**OPERATOR**

Initial Report  Final Report

Name of Company OXY USA WTP LP	Contact KIRKES, CLINT
Address 329 Marathon Rd. Lakewood	Telephone No. (575) 628-4113
Facility Name INDIAN BASIN GAS PLANT	Facility Type Gas Processing

Surface Owner	Mineral Owner INDIAN BASIN	Lease No.
---------------	----------------------------	-----------

**LOCATION OF RELEASE**

Unit Letter G	Section 23	Township 21-S	Range 23-E	Feet from the	North/South Line	Feet from the	East/West Line	County Eddy
------------------	---------------	------------------	---------------	---------------	------------------	---------------	----------------	----------------

Latitude 32°27'52.502" Longitude 104°34'28.004"

**NATURE OF RELEASE**

Type of Release Gas	Volume of Release 1736.26 MCF	Volume Recovered 0
Source of Release Residue Flare	Date and Hour of Occurrence 6/10/2010 8:19:00 AM	Date and Hour of Discovery 6/10/2010 8:19:00 AM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Mike Bratcher	
By Whom? Clint Kirkes	Date and Hour 06/11/2010 2:15pm	
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.\*

Cause:  
FLARED 1736.26 MCF DUE TO PLANT BLACKOUT.  
Remedial Action Taken:  
RESTORED POWER PLACED PLANT BACK ONLINE.

Describe Area Affected and Cleanup Action Taken.\*  
N/A

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.

2010 JUN 18 P 2:13  
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Signature: 	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Clint Kirkes	Approved by District Supervisor:	
Title: <i>Plant Specialist</i>	Approval Date:	Expiration Date:
E-mail Address: clinton_kirkes@oxy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: <i>6/11/2010</i> Phone: (575)628-4113		

\* Attach Additional Sheets If Necessary

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

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Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

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District Office in accordance  
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**Release Notification and Corrective Action**

**OPERATOR**

Initial Report  Final Report

Name of Company OXY USA WTP LP	Contact KIRKES, CLINT	
Address 329 Marathon Rd, Lakewood	Telephone No. (575) 628-4113	
Facility Name INDIAN BASIN GAS PLANT	Facility Type Gas Processing Plant	
Surface Owner	Mineral Owner INDIAN BASIN	Lease No.

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
G	23	21-S	23-E					Eddy

Latitude 32°27'52.502" Longitude 104°34'28.004"

**NATURE OF RELEASE**

Type of Release Gas	Volume of Release 2324.7 MCF	Volume Recovered 0
Source of Release Residue Flare	Date and Hour of Occurrence 4/3/2010 12:15:00 AM	Date and Hour of Discovery 4/3/2010 12:15:00 AM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Mike Bratcher	
By Whom? Clint Kirkes	Date and Hour 04/05/2010 08:59 am	
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.* Cause: FLARED 2324.7 MCF ON HIGH OXYGEN CONTENT. Remedial Action Taken: NOTIFIED FIELD PRODUCERS OF PROBLEM.		
Describe Area Affected and Cleanup Action Taken.* N/A		

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: <i>Clint Kirkes</i>	<b>OIL CONSERVATION DIVISION</b>	
Name: Clint Kirkes	Approved by District Supervisor:	
Title: Plant Specialist	Approval Date:	Expiration Date:
Email Address: clinton_kirk@oxy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 4/5/2010 Phone: 575-628-4113		

Attach Additional Sheets if Necessary

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

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Santa Fe, NM 87505

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District Office in accordance  
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**Release Notification and Corrective Action**

**OPERATOR**

Initial Report  Final Report

Name of Company OXY USA WTP LP	Contact KIRKES, CLINT
Address 329 Marathon Rd. Lakewood	Telephone No. (575) 628-4113
Facility Name INDIAN BASIN GAS PLANT	Facility Type GAS PROCESSING

Surface Owner	Mineral Owner INDIAN BASIN	Lease No.
---------------	----------------------------	-----------

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
G	23	21-S	23-E					Eddy

Latitude 32°27'52.502" Longitude 104°34'28.004"

**NATURE OF RELEASE**

Type of Release Gas	Volume of Release 1822.7 MCF	Volume Recovered 0
Source of Release Residue Flare	Date and Hour of Occurrence 4/2/2010 3:08:00 AM	Date and Hour of Discovery 4/2/2010 3:08:00 AM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Mike Bratcher	
By Whom? Mark Treesh	Date and Hour 4/2/2010 1:00 PM	
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.\*

Cause:  
FLARED 1822.7 MCF DUE TO HIGH OXYGEN CONTENT.  
Remedial Action Taken:  
NOTIFIED FIELD PRODUCERS OF PROBLEM.

Describe Area Affected and Cleanup Action Taken.\*  
N/A

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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.

OIL CONSERVATION DIVISION

Signature: *Clint Kirkes*

Approved by District Supervisor:

Title: *Plant Specialist*

Approval Date:

Expiration Date:

Email Address: *clinton\_kirkes@oxy.com*

Conditions of Approval:

Attached

Date: *4/5/2010* Phone: 575-628-4113

Attach Additional Sheets, If Necessary

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

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Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

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2010 MAR 10 Release Notification and Corrective Action

OPERATOR

Initial Report  Final Report

Name of Company OXY USA WTP LP	Contact KIRKES, CLINT
Address 329 Marathon Rd, Lakewood	Telephone No. (575)628-4113
Facility Name INDIAN BASIN GAS PLANT	Facility Type GAS PROCESSING

Surface Owner	Mineral Owner INDIAN BASIN	Lease No.
---------------	----------------------------	-----------

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
G	23	21-S	23-E					Eddy

Latitude 32°27'52.502" Longitude 104°34'28.004"

NATURE OF RELEASE

Type of Release Gas	Volume of Release 51.62 MCF	Volume Recovered 0
Source of Release Utility Flare	Date and Hour of Occurrence 3/7/2010 7:00:00 AM	Date and Hour of Discovery 3/7/2010 7:00:00 AM
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
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.\*

Cause:  
ACID GAS COMPRESSOR DOWN 1HR 24 MIN. DUE TO BAD 5TH STAGE VALVES.  
Remedial Action Taken:  
CALLED OUT MAINTENANCE CREW TO REPLACE VALVES AND RESTART COMPRESSOR.

Describe Area Affected and Cleanup Action Taken.\*

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: <i>Clint Kirkes</i>	<u>OIL CONSERVATION DIVISION</u>	
Printed Name: Clint Kirkes	Approved by District Supervisor:	
Title: <i>Plant Specialist</i>	Approval Date:	Expiration Date:
E-mail Address: clinton_kirkes@oxy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: <i>3/8/2010</i> Phone: (575)628-4113		

\* Attach Additional Sheets If Necessary

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  
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Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

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Release Notification and Corrective Action **Form 1-46**

OPERATOR

Initial Report  Final Report

Name of Company OXY USA WTP LP	Contact KIRKES, CLINT
Address 329 Marathon Rd, Lakewood	Telephone No. (575) 628-4113
Facility Name INDIAN BASIN GAS PLANT	Facility Type

Surface Owner	Mineral Owner INDIAN BASIN	Lease No.
---------------	----------------------------	-----------

LOCATION OF RELEASE

Unit Letter G	Section 23	Township 21-S	Range 23-E	Feet from the	North/South Line	Feet from the	East/West Line	County Eddy
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Latitude 32°27'52.502" Longitude 104°34'28.004"

NATURE OF RELEASE

Type of Release Gas	Volume of Release 341.8 MCF	Volume Recovered 0
Source of Release Utility Flare	Date and Hour of Occurrence 2/23/2010 11:30:00 AM	Date and Hour of Discovery 2/23/2010 11:30:00 AM
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
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.* Cause: FLARED 341.8 MCF DUE TO LOSS OF FIELD COMPRESSION . Remedial Action Taken: CALLED FIELD PRODUCERS TO LET THEM KNOW ABOUT THE PROBLEM SO THEY COULD GET FIELD COMPRESSION ONLINE.		
Describe Area Affected and Cleanup Action Taken.* N/A		

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: <i>Clint Kirkes</i>	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Clint Kirkes	Approved by District Supervisor:	
Title: <i>Plant Specialist</i>	Approval Date:	Expiration Date:
E-mail Address: clinton_kirkes@oxy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: <i>2/24/2010</i> Phone: (575)628-4113		

\* Attach Additional Sheets If Necessary

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

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Oil Conservation District  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

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**Release Notification and Corrective Action**

**OPERATOR**

Initial Report  Final Report

Name of Company OXY USA WTP LP	Contact MARK TREESH
Address 329 Marathon Rd. Lakewood	Telephone No. (575)200-8010
Facility Name INDIAN BASIN GAS PLANT	Facility Type

Surface Owner	Mineral Owner INDIAN BASIN	Lease No.
---------------	----------------------------	-----------

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
G	23	21-S	23-E					Eddy

Latitude 32°27'52.502" Longitude 104°34'28.004"

**NATURE OF RELEASE**

Type of Release Gas	Volume of Release 83.85 MCF	Volume Recovered 0
Source of Release Utility Flare	Date and Hour of Occurrence 2/1/2010 4:25:00 AM	Date and Hour of Discovery 2/1/2010 4:25:00 AM
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
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.\*

Cause:  
PLANT OPERATOR UNINTENTIONALLY DISABLED THE WATER INJECTION METER CAUSING AN ACID GAS COMPRESSOR SHUTDOWN DUE TO LOW WATER INJECTION FLOW  
Remedial Action Taken:  
ACID GAS INJECTION SYSTEM WAS TROUBLESHOT AND WATER INJECTION METER WAS ENABLED AND COMPRESSOR WAS RESTARTED.

Describe Area Affected and Cleanup Action Taken.\*

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.

**OIL CONSERVATION DIVISION**

Signature: <i>Mark Treesh</i>	Approved by District Supervisor:	
Printed Name: MARK TREESH	Approval Date:	Expiration Date:
Title: <i>Production Coordinator</i>	Conditions of Approval:	
E-mail Address: Mark_Treesh@oxy.com	Attached <input type="checkbox"/>	
Date: <i>2/3/2010</i>	Phone: (575)200-8010	

\* Attach Additional Sheets If Necessary

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

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Energy Minerals and Natural Resources

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**Release Notification and Corrective Action**

**OPERATOR**

Initial Report  Final Report

Name of Company OXY USA WTP LP	Contact KIRKES, CLINT
Address 329 Marathon Rd, Lakewood	Telephone No. (575) 628-4113
Facility Name INDIAN BASIN GAS PLANT	Facility Type Gas Processing
Surface Owner	Mineral Owner INDIAN BASIN
	Lease No.

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
G	23	21-S	23-E					Eddy

Latitude 32°27'52.502" Longitude 104°34'28.004"

**NATURE OF RELEASE**

Type of Release Gas	Volume of Release 101.11 MCF	Volume Recovered 0
Source of Release Utility Flare	Date and Hour of Occurrence 1/26/2010 11:10:00 AM	Date and Hour of Discovery 1/26/2010 11:10:00 AM
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
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.\*

Cause:  
SHUT AGC DOWN TO REPAIR LUBRICATION SYSTEM.  
Remedial Action Taken:  
HAD CC TECHNOLOGY OUT TO PERFORM PREVENTATIVE MAINTENANCE, TROUBLESHOOT AND REPAIR LUBRICATION SYSTEM. AFTER COMPLETION OF MAINTENANCE PLACED ACID GAS COMPRESSOR BACK ONLINE.

Describe Area Affected and Cleanup Action Taken.\*  
N/A

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: <i>Clint Kirkes</i>	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Clinton Kirkes	Approved by District Supervisor:	
Title: <i>Plant Specialist</i>	Approval Date:	Expiration Date:
E-mail Address: clinton_kirkes@oxy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: <i>1/28/2010</i>	Phone: (575)628-4113	

\* Attach Additional Sheets If Necessary

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  
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Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

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**Release Notification and Corrective Action**

**OPERATOR**

Initial Report  Final Report

Name of Company OXY USA WTP LP	Contact CLINT KIRKES
Address 329 Marathon Rd. Lakewood	Telephone No. (575)628-4113
Facility Name INDIAN BASIN GAS PLANT	Facility Type GAS PROCESSING

Surface Owner	Mineral Owner INDIAN BASIN	Lease No.
---------------	----------------------------	-----------

**LOCATION OF RELEASE**

Unit Letter K	Section 26	Township -21S	Range -23E	Feet from the	North/South Line	Feet from the	East/West Line	County Eddy
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Latitude \_\_\_\_\_ Longitude \_\_\_\_\_

**NATURE OF RELEASE**

Type of Release Gas	Volume of Release 567.89 MCF	Volume Recovered 0
Source of Release	Date and Hour of Occurrence 1/19/2010 9:00:00 AM	Date and Hour of Discovery 1/19/2010 9:00:00 AM
Gathering System Blowdown Points	Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Mike Bratcher
By Whom? Clint Kirkes	Date and Hour 1/19/2010 9:24am	
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.\*  
Cause:  
BLOWDOWN 1 MILE OF 12", .5 MILES OF 10", 1.5 MILES OF 8" GATHERING PIPELINE TO THREE BLOWDOWN TANKS DUE TO A HYDRATE IN THE LINE.  
Remedial Action Taken: COMMUNICATED TO THE FIELD PRODUCER THE NECESSARY VOLUME OF METHANOL NEEDED TO BE INJECTED INTO PIPELINE TO PREVENT HYDRATE FORMATION.

Describe Area Affected and Cleanup Action Taken.\*

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: <i>Clint Kirkes</i>	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Clint Kirkes	Approved by District Supervisor:	
Title: <i>Plant Specialist</i>	Approval Date:	Expiration Date:
E-mail Address: clinton_kirkes@oxy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: <i>1/20/2010</i>	Phone: (575)628-4113	

\* Attach Additional Sheets If Necessary

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

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Energy Minerals and Natural Resources

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Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

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**Release Notification and Corrective Action**

**OPERATOR**

Initial Report  Final Report

Name of Company OXY USA WTP LP	Contact KIRKES, CLINT
Address 329 Marathon Rd, Lakewood	Telephone No. (575) 628-4113
Facility Name INDIAN BASIN GAS PLANT	Facility Type

Surface Owner	Mineral Owner INDIAN BASIN	Lease No.
---------------	----------------------------	-----------

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
G	23	21-S	23-E					Eddy

Latitude **32°27'52.502"** Longitude **104°34'28.004"**

**NATURE OF RELEASE**

Type of Release Gas	Volume of Release 1328.7 MCF	Volume Recovered 0
Source of Release Residue Flare	Date and Hour of Occurrence 1/17/2010 11:40:00 AM	Date and Hour of Discovery 1/17/2010 11:40:00 AM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Mike Bratcher	
By Whom? Clint Kirkes	Date and Hour 01/18/2010 08:56 AM	
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.\*

Cause:  
FLARED 1328.7 MCF SALES GAS DUE TO HIGH OXYGEN CONTENT.  
Remedial Action Taken:  
CALLED FIELD PRODUCERS TO TRY AND DETERMINE THE SOURCE OF THE OXYGEN.

Describe Area Affected and Cleanup Action Taken.\*

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: <i>Clint Kirkes</i>	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Clint Kirkes	Approved by District Supervisor:	
Title: <i>Plant Specialist</i>	Approval Date:	Expiration Date:
E-mail Address: clinton_kirkes@oxy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: <i>01/18/2010</i> Phone: (575)628-4113		

\* Attach Additional Sheets If Necessary

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

Form C-141  
Revised October 10, 2003

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

RECEIVED

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

2010 JUN 12 PM 3 11

**Release Notification and Corrective Action**

**OPERATOR**

Initial Report  Final Report

Name of Company OXY USA WTP LP	Contact KIRKES, CLINT
Address 329 Marathon Rd, Lakewood	Telephone No. (575) 628-4113
Facility Name INDIAN BASIN GAS PLANT	Facility Type

Surface Owner	Mineral Owner INDIAN BASIN	Lease No.
---------------	----------------------------	-----------

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
G	23	21-S	23-E					Eddy

Latitude 32°27'52.502" Longitude 104°34'28.004"

**NATURE OF RELEASE**

Type of Release Gas	Volume of Release 4147.85 MCF	Volume Recovered 0
Source of Release Residue Flare	Date and Hour of Occurrence 1/8/2010 8:48:00 AM	Date and Hour of Discovery 1/8/2010 8:48:00 AM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Mike Bratcher	
By Whom? Clint Kirkes	Date and Hour 1/11/2010 12:44 pm	
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.\*

Cause:  
FLARED RESIDUE GAS 2 HRS. 27 MIN. ON HIGH OXYGEN CONTENT.  
Remedial Action Taken:  
SAMPLED VARIOUS POINT OF THE GATHERING SYSTEM TO DETERMINE THE CAUSE AND LOCATION OF THE OXYGEN. DURING THE TESTING OXYGEN LEVEL DROPPED AND FLARE WENT OUT.

Describe Area Affected and Cleanup Action Taken.\*

n/a

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: <i>Clint Kirkes</i>	<u>OIL CONSERVATION DIVISION</u>	
Printed Name: Clint Kirkes	Approved by District Supervisor:	
Title: <i>Plant Specialist</i>	Approval Date:	Expiration Date:
E-mail Address: clinton_kirkes@oxy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: <i>1/11/10</i> Phone: (575)628-4113		

\* Attach Additional Sheets If Necessary

## Chavez, Carl J, EMNRD

---

**From:** Marty\_Johnson@oxy.com  
**Sent:** Wednesday, January 06, 2010 10:09 AM  
**To:** Chavez, Carl J, EMNRD  
**Subject:** RE: Indian Basin Gas Plant (GW-021) Oxy 47 BBL Spill, 7/17/09

Thank you and look forward to meeting you at a later date and time.

Regards,

Marty Johnson  
HES Specialist  
Indian Basin Gas Plant  
Oxy USA WTP LP  
329 Marathon Road  
Lakewood, NM 88254  
Office: 575-628-4122  
Cell: 575-499-5652  
Fax: 575-628-4125  
marty\_johnson@oxy.com

-----Original Message-----

**From:** Chavez, Carl J, EMNRD [mailto:CarlJ.Chavez@state.nm.us]  
**Sent:** Wednesday, January 06, 2010 10:06 AM  
**To:** Johnson, Marty E  
**Cc:** Dade, Randy, EMNRD  
**Subject:** RE: Indian Basin Gas Plant (GW-021) Oxy 47 BBL Spill, 7/17/09

Mr. Johnson:

Approved. Please note that the discharge permit for this facility is actually GW-021. I accidently referenced Marathon's Indian Basin Gas Plant in past correspondence.

Please contact me if you have questions. Thank you.

Please be advised that OCD approval of this corrective action does not relieve the permittee of responsibility should their operations fail to adequately investigate and remediate contamination that poses a threat to ground water, surface water, human health or the environment. In addition, OCD approval of the corrective action does not relieve the permittee of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Carl J. Chavez, CHMM  
New Mexico Energy, Minerals & Natural Resources Dept.  
Oil Conservation Division, Environmental Bureau 1220 South St. Francis Dr., Santa Fe, New Mexico 87505  
Office: (505) 476-3490  
Fax: (505) 476-3462  
E-mail: CarlJ.Chavez@state.nm.us  
Website: <http://www.emnrd.state.nm.us/ocd/index.htm>  
(Pollution Prevention Guidance is under "Publications")

-----Original Message-----

**From:** Marty\_Johnson@oxy.com [mailto:Marty\_Johnson@oxy.com]  
**Sent:** Wednesday, January 06, 2010 9:38 AM  
**To:** Chavez, Carl J, EMNRD  
**Subject:** RE: Indian Basin Gas Plant (2RP-22-0) Oxy 47 BBL Spill, 7/17/09

Mr. Chavez,

To follow up on previous correspondence with you, we have excavated the South wall 3' further back towards the South and the sampling results were as follows:

Sampling point A = 120 Cl/ppm and 47.3 PID/ppm Sampling point B = 179 Cl/ppm and 55.8 PID/ppm

Test Point 4 and Test Point 5 areas were also excavated to 11'6" in depth and hard bed rock was encountered, which disallowed us to excavate any further in depth. Results were as follows:

TP4 @ 11'6" in depth = 279 Cl/ppm and 148 PID/ppm

TP5 @ 11'6" in depth = 289 Cl/ppm and 36.7 PID/ppm

If we take an average of the final sampling results of the base of the excavation, the average results would be 387.8 Cl/ppm and 42.56 PID/ppm.

We have met the limit of 1000 Cl/ppm at all test points, and if we take into account the average of all 5 test points, we have met the limit of 100 PID/ppm, per your discretion of course. Also, an average of only TP4 and TP5, which are ~10' apart, would be 92.35 PID/ppm.

I am asking that you take into account the averages of all sample results, along with the fact that we are unable to excavate to a depth greater than the already excavated 11'6" due to bed rock material and high pressure gas lines in the very near proximity, and allow Occidental Petroleum to backfill the excavated area as soon as possible to eliminate the open excavation hazard on our Indian Basin Gas Plant property.

Thank you in advance for your consideration. Attached you will find the Plat Map of the excavation to include all Sample results.

Sincerely,

Marty Johnson  
HES Specialist  
Indian Basin Gas Plant  
Oxy USA WTP LP  
329 Marathon Road  
Lakewood, NM 88254  
Office: 575-628-4122  
Cell: 575-499-5652  
Fax: 575-628-4125  
marty\_johnson@oxy.com

-----Original Message-----

From: Chavez, Carl J, EMNRD [mailto:CarlJ.Chavez@state.nm.us]  
Sent: Tuesday, December 08, 2009 8:06 AM  
To: Johnson, Marty E  
Cc: Dade, Randy, EMNRD  
Subject: RE: Indian Basin Gas Plant (2RP-22-0) Oxy 47 BBL Spill, 7/17/09

Marty:

Good. This will work and hopefully you'll be out of it soon. The base of the excavation should be evaluated too (perhaps a composite 5-pt) from the base of the excavation. Thanks.

Carl J. Chavez, CHMM  
New Mexico Energy, Minerals & Natural Resources Dept.  
Oil Conservation Division, Environmental Bureau 1220 South St. Francis Dr., Santa Fe, New Mexico 87505  
Office: (505) 476-3490  
Fax: (505) 476-3462  
E-mail: CarlJ.Chavez@state.nm.us  
Website: <http://www.emnrd.state.nm.us/ocd/index.htm>  
(Pollution Prevention Guidance is under "Publications")

-----Original Message-----

From: Marty\_Johnson@oxy.com [mailto:Marty\_Johnson@oxy.com]  
Sent: Tuesday, December 08, 2009 8:02 AM  
To: Chavez, Carl J, EMNRD  
Subject: RE: Indian Basin Gas Plant (2RP-22-0) Oxy 47 BBL Spill, 7/17/09

Thank You, we will further excavate TP4 and TP5 area as well as the South Wall. I will follow up with sampling data as the area is excavated.

Marty Johnson  
HES Specialist  
Indian Basin Gas Plant  
Oxy USA WTP LP  
329 Marathon Road  
Lakewood, NM 88254  
Office: 575-628-4122  
Cell: 575-499-5652  
Fax: 575-628-4125  
marty\_johnson@oxy.com

-----Original Message-----

From: Chavez, Carl J, EMNRD [mailto:CarlJ.Chavez@state.nm.us]  
Sent: Tuesday, December 08, 2009 7:58 AM  
To: Johnson, Marty E  
Cc: Dade, Randy, EMNRD  
Subject: RE: Indian Basin Gas Plant (2RP-22-0) Oxy 47 BBL Spill, 7/17/09

Marty:

The TPH levels are excessive at TP-4 and 5 and the prior note indicated that the levels exceeded the TPH limit score of 10-19 with the TPH limit at 1000 ppm. You were correct in your pdf file indicating further delineation needed in the TP 4 and 5 locations. Also, the high chlorides on the South Wall need to be addressed. The release is approximately 850 ft. away from the nearest water course toward the south.

Please contact me if you have questions. Thanks.

Carl J. Chavez, CHMM  
New Mexico Energy, Minerals & Natural Resources Dept.  
Oil Conservation Division, Environmental Bureau 1220 South St. Francis Dr., Santa Fe, New Mexico 87505  
Office: (505) 476-3490  
Fax: (505) 476-3462  
E-mail: CarlJ.Chavez@state.nm.us  
Website: <http://www.emnrd.state.nm.us/ocd/index.htm>  
(Pollution Prevention Guidance is under "Publications")

-----Original Message-----

From: Marty\_Johnson@oxy.com [mailto:Marty\_Johnson@oxy.com]  
Sent: Tuesday, December 08, 2009 7:51 AM  
To: Chavez, Carl J, EMNRD  
Subject: RE: Indian Basin Gas Plant (2RP-22-0) Oxy 47 BBL Spill, 7/17/09

Thank You.

The PID ppm readings you see on the spreadsheet that I attached previously were from utilizing the Soil Vapor Headspace method as described, so hopefully we are good as far as Benzene and BTEX Limits, per your discretion of course.

Also, per your direction, we will excavate the South Wall further to achieve desired results from NMOCD. I will begin by extending the South excavation to an area of 3-4' then re-sample.

Per your direction as well, I would like to proceed with backfilling the bulk of the excavation to an area which will keep a minimum of 3 feet from the South Wall. We will then excavate the South wall utilizing the Hydro Excavation method. The Hydro excavation is preferred due to numerous high pressure lines in the area. This would help eliminate the falling hazard for the rest of the excavation and get rid of the sheer walls on the East side of the Separator.

Marty Johnson  
HES Specialist  
Indian Basin Gas Plant  
Oxy USA WTP LP  
329 Marathon Road  
Lakewood, NM 88254  
Office: 575-628-4122  
Cell: 575-499-5652  
Fax: 575-628-4125  
marty\_johnson@oxy.com

-----Original Message-----

From: Chavez, Carl J, EMNRD [mailto:CarlJ.Chavez@state.nm.us]  
Sent: Tuesday, December 08, 2009 6:55 AM  
To: Johnson, Marty E  
Cc: Dade, Randy, EMNRD  
Subject: RE: Indian Basin Gas Plant (2RP-22-0) Oxy 47 BBL Spill, 7/17/09

Marty:

For chlorides, a cleanup level of 1000 ppm may work. This is subject to the OCD's perview and the depth to water table. A concentration of 2500 to 500 ppm chlorides should be used to delineate chloride contamination and the final call on cleanup level resides with the OCD. So, some more chloride delineation along the South Wall for chlorides.

Soil vapor headspace is from a jar or baggy using a calibrated PID with a calibrant and instrument lamp that will detect VOCs.

Thank you.

Carl J. Chavez, CHMM  
New Mexico Energy, Minerals & Natural Resources Dept.  
Oil Conservation Division, Environmental Bureau 1220 South St. Francis Dr., Santa Fe, New Mexico 87505  
Office: (505) 476-3490  
Fax: (505) 476-3462  
E-mail: CarlJ.Chavez@state.nm.us  
Website: <http://www.emnrd.state.nm.us/ocd/index.htm>  
(Pollution Prevention Guidance is under "Publications")

-----Original Message-----

From: Marty\_Johnson@oxy.com [mailto:Marty\_Johnson@oxy.com]  
Sent: Tuesday, December 08, 2009 6:49 AM  
To: Chavez, Carl J, EMNRD  
Subject: RE: Indian Basin Gas Plant (2RP-22-0) Oxy 47 BBL Spill, 7/17/09

Mr. Chavez,  
The release was Produced Water from the Separator that is adjacent to the excavation.

To clarify, the stained soils have been removed then the cleanup level would be 1000 ppm for Chlorides. Is that correct? We have removed the soil visually clean to a layer of rock.

Also, when you discuss the field soil vapor headspace measurement. Is this a measurement when a PID is utilized by measuring the air concentration from a sample in a bag?

Thank you for your assistance on this matter.

Marty Johnson  
HES Specialist  
Indian Basin Gas Plant  
Oxy USA WTP LP  
329 Marathon Road  
Lakewood, NM 88254  
Office: 575-628-4122  
Cell: 575-499-5652  
Fax: 575-628-4125  
marty\_johnson@oxy.com

-----Original Message-----

From: Chavez, Carl J, EMNRD [mailto:CarlJ.Chavez@state.nm.us]  
Sent: Tuesday, December 08, 2009 6:37 AM  
To: Johnson, Marty E  
Cc: Dade, Randy, EMNRD  
Subject: RE: Indian Basin Gas Plant (2RP-22-0) Oxy 47 BBL Spill, 7/17/09

Mr. Johnson:

Good morning. What type of release was it? Condensate/Crude Oil/Produced Water?

Continuation of vertical delineation of Test Points 4 & 5 to the OCD cleanup levels below is required. The elevated chlorides at South Wall should also be delineated further using a 500 ppm investigation limit for characterization. However, the cleanup level for chlorides if stained soils are removed may be 1000 ppm.

	Total Ranking Score		
	>19	10 -19	0-9
Benzene(ppm)*	10	10	10
BTEX(ppm)*	50	50	50
TPH(ppm)**	100	1000	5000

\* A field soil vapor headspace measurement (Section V.B.1) of 100 ppm may be substituted for a laboratory analysis of the Benzene and BTEX concentration limits.

Please keep me apprised of the situation and contact me if you have questions. Thank you.

Carl J. Chavez, CHMM  
New Mexico Energy, Minerals & Natural Resources Dept.  
Oil Conservation Division, Environmental Bureau 1220 South St. Francis Dr., Santa Fe, New Mexico 87505  
Office: (505) 476-3490  
Fax: (505) 476-3462  
E-mail: CarlJ.Chavez@state.nm.us  
Website: <http://www.emnrd.state.nm.us/ocd/index.htm>  
(Pollution Prevention Guidance is under "Publications")

-----Original Message-----

From: Marty\_Johnson@oxy.com [mailto:Marty\_Johnson@oxy.com]  
Sent: Monday, December 07, 2009 11:38 AM  
To: Chavez, Carl J, EMNRD  
Subject: Oxy 47 BBL Spill, 7/17/09

Mr. Chavez,

Attached is a letter from me in response to the spill excavation that we are attempting to get resolved here at the Indian Basin Gas Plant. If you need any more information from me, so that we can get this resolved please let me know.

The OCD has reviewed your C-141 Form for a 47 bbl. "major" release. The OCD has the following comments:

- 1) The form was not identified to be an initial report, since the final report should include sampling (TPH and BTEX) to with limits consistent w/ OCD Guidelines for Spill Remediation (see [http://www.emnrd.state.nm.us/ocd/documents/7C\\_spill1.pdf](http://www.emnrd.state.nm.us/ocd/documents/7C_spill1.pdf)).
- 2) A final report w/ photos, analytical data results (EPA Std. Methods for QA/QC), and C-138 Form indicating the location of disposition of waste removed from the facility and location, volume, etc, disposed is required to verify that cleanup actually occurred.
- 3) What was the type of released liquid? This was not specified in the C-141.
- 4) What is the OCD Discharge Permit number? 2RP-22-0?

Please provide responses to clarification questions above and be advised that the OCD is awaiting a final C-141 with the attached information requested above for the OCD Online File (2RP-22-0).

The OCD link to "Release Notification" may be found under the "Rules" section of the OCD Website (search for: § 19.15.29 NMAC).

Please contact me if you have questions. Thank you.

Carl J. Chavez, CHMM

New Mexico Energy, Minerals & Natural Resources Dept.

Oil Conservation Division, Environmental Bureau 1220 South St. Francis Dr., Santa Fe, New Mexico 87505

Office: (505) 476-3490

Fax: (505) 476-3462

E-mail: [CarlJ.Chavez@state.nm.us](mailto:CarlJ.Chavez@state.nm.us)<<mailto:CarlJ.Chavez@state.nm.us>>

Website: <http://www.emnrd.state.nm.us/ocd/index.htm>

(Pollution Prevention Guidance is under "Publications")

Marty Johnson

HES Specialist

Indian Basin Gas Plant

Oxy USA WTP LP

329 Marathon Road

Lakewood, NM 88254

Office: 575-628-4122

Cell: 575-499-5652

Fax: 575-628-4125

[marty\\_johnson@oxy.com](mailto:marty_johnson@oxy.com)

---

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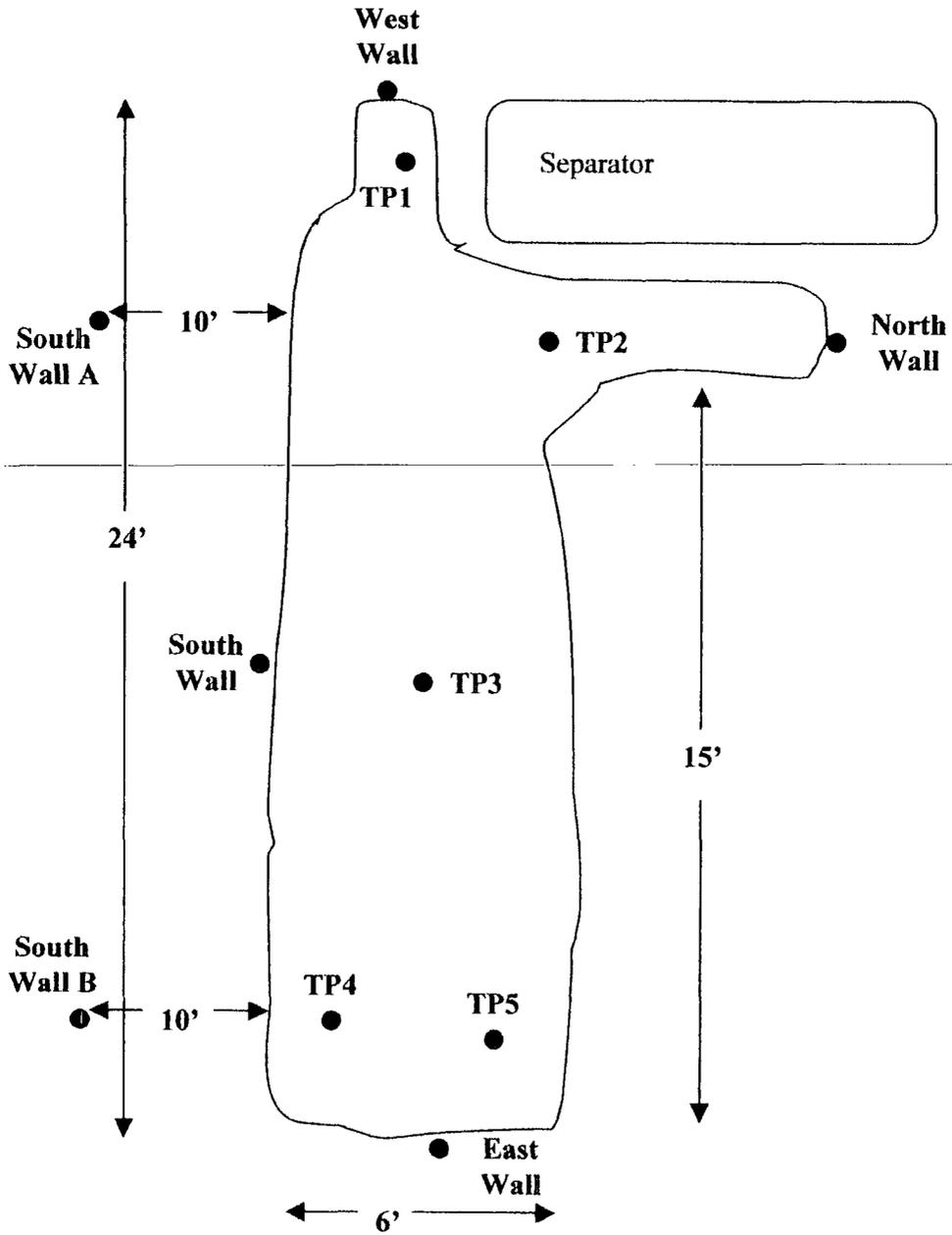
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**Oxy USA**  
Indian Basin Gas Plant Spill  
Eddy County, NM



Plat Map



# Elke Environmental, Inc.

P.O. Box 14167 Odessa, TX 79768

## Field Analytical Report Form

Client Oxy USA

Analyst Bobby Steadham

Site Indian Basin Gas Plant Spill

Sample ID	Date	Depth	TPH / PPM	CI / PPM	PID / PPM	GPS
TP1	7-28-09	3'	100	7,391	5.7	32° 27.891' N 104° 34.267' W
TP1	8-5-09	4'		738	4.9	32° 27.891' N 104° 34.267' W
TP1	8-10-09	5'		1,060	48.7	32° 27.891' N 104° 34.267' W
TP1	10-28-09	5' 6"		724		32° 27.891' N 104° 34.267' W
TP1	10-28-09	6'		214	14.1	32° 27.891' N 104° 34.267' W
<del>TP2</del>	<del>7-28-09</del>	<del>3'</del>	<del>630</del>	<del>&gt;30,000</del>	<del>104</del>	<del>32° 27.892' N 104° 34.266' W</del>
TP2	8-5-09	4'		7,396	501	32° 27.892' N 104° 34.266' W
TP2	8-10-09	5'		5,847	417	32° 27.892' N 104° 34.266' W
TP2	10-28-09	5' 6"		689		32° 27.892' N 104° 34.266' W
TP2	10-28-09	6'		212	10.7	32° 27.892' N 104° 34.266' W
TP3	7-28-09	3'	2,217	302	189	32° 27.891' N 104° 34.265' W
TP3	8-5-09	4'		269	1,129	32° 27.891' N 104° 34.265' W
TP3	8-10-09	5'		309	2,912	32° 27.891' N 104° 34.265' W
TP3	10-28-09	5' 6"		1,012		32° 27.891' N 104° 34.265' W
TP3	10-28-09	6'		945	3.3	32° 27.891' N 104° 34.265' W
TP4	7-28-09	3'	379	12,090	269	32° 27.891' N 104° 34.264' W
TP4	8-5-09	4'		6,625	471	32° 27.891' N 104° 34.264' W

**Elke Environmental, Inc.**

P.O. Box 14167 Odessa, TX 79768

**Field Analytical Report Form**

**Client** Oxy USA

**Analyst** Bobby Steadham

**Site** Indian Basin Gas Plant Spill

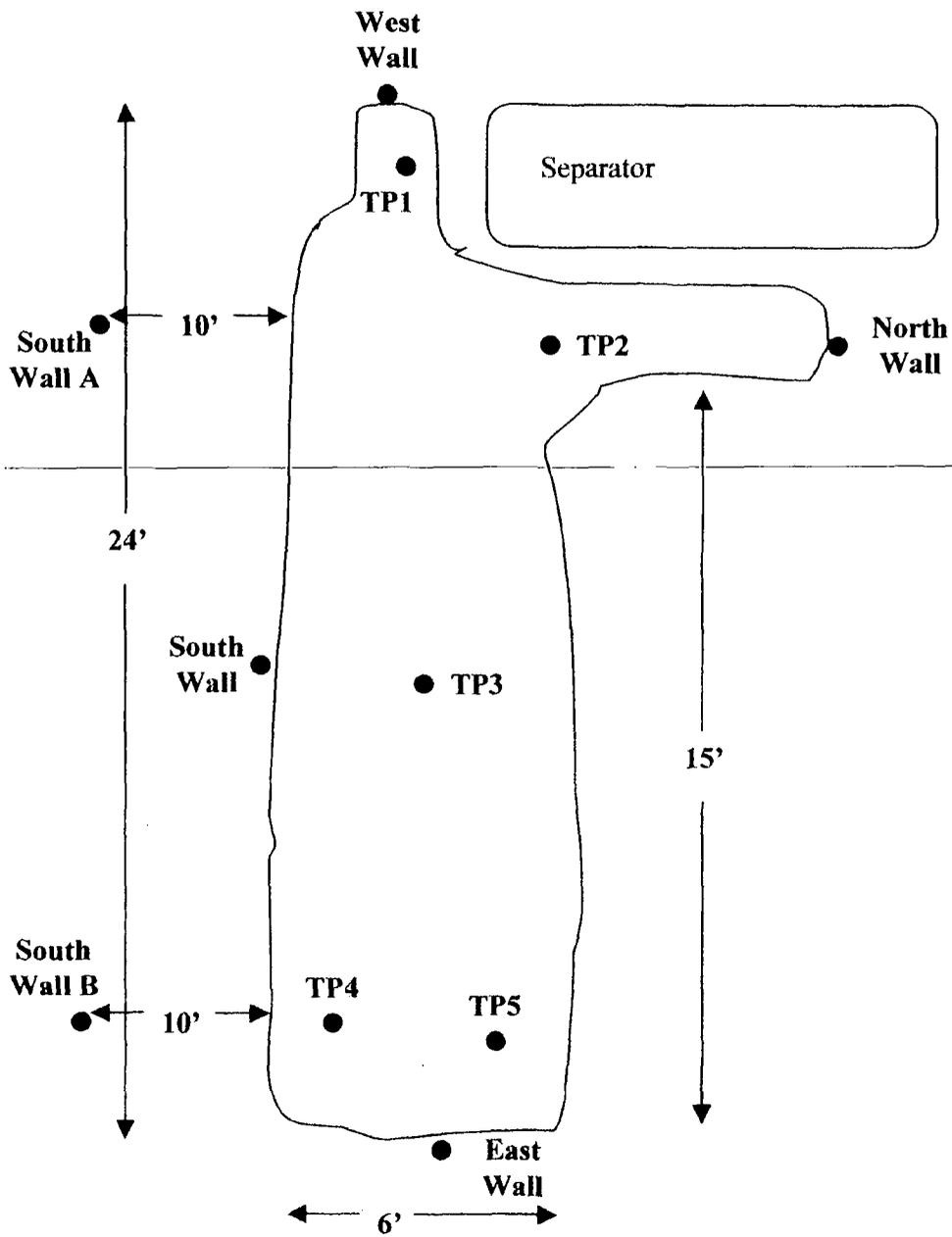
Sample ID	Date	Depth	TPH / PPM	CI / PPM	PID / PPM	GPS
TP4	8-10-09	5'		8,759	2,719	32° 27.891' N 104° 34.264' W
TP4	10-28-09	7'			3,128	32° 27.891' N 104° 34.264' W
TP4	10-28-09	8'		4,110	1,715	32° 27.891' N 104° 34.264' W
TP4	10-28-09	10'		1,110	981	32° 27.891' N 104° 34.264' W
TP4	10-28-09	11'		179	14.4	32° 27.891' N 104° 34.264' W
TP4	12-17-09	11'6"		279	148	32° 27.891' N 104° 34.264' W
TP5	7-28-09	3'	844	4,157	169	32° 27.891' N 104° 34.264' W
TP5	8-5-09	4'		2,399	693	32° 27.891' N 104° 34.264' W
TP5	8-10-09	5'		6,017	2,844	32° 27.891' N 104° 34.264' W
TP5	10-28-09	6'		3,067	3,063	32° 27.891' N 104° 34.264' W
TP5	10-28-09	8'		1,112	1,329	32° 27.891' N 104° 34.264' W
TP5	10-28-09	10'		639	1,171	32° 27.891' N 104° 34.264' W
TP5	10-28-09	11'		534	107	32° 27.891' N 104° 34.264' W
TP5	12-17-09	11'6"		289	36.7	32° 27.891' N 104° 34.264' W



**Oxy USA**  
Indian Basin Gas Plant Spill  
Eddy County, NM



Plat Map



# Elke Environmental, Inc.

P.O. Box 14167 Odessa, TX 79768

## Field Analytical Report Form

Client Oxy USA

Analyst Bobby Steadham

Site Indian Basin Gas Plant Spill

Sample ID	Date	Depth	TPH / PPM	CI / PPM	PID / PPM	GPS
TP1	7-28-09	3'	100	7,391	5.7	32° 27.891' N 104° 34.267' W
TP1	8-5-09	4'		738	4.9	32° 27.891' N 104° 34.267' W
TP1	8-10-09	5'		1,060	48.7	32° 27.891' N 104° 34.267' W
TP1	10-28-09	5' 6"		724		32° 27.891' N 104° 34.267' W
TP1	10-28-09	6'		214	14.1	32° 27.891' N 104° 34.267' W
<del>TP2</del>	<del>7-28-09</del>	<del>3'</del>	<del>630</del>	<del>&gt;30,000</del>	<del>104</del>	<del>32° 27.892' N 104° 34.266' W</del>
TP2	8-5-09	4'		7,396	501	32° 27.892' N 104° 34.266' W
TP2	8-10-09	5'		5,847	417	32° 27.892' N 104° 34.266' W
TP2	10-28-09	5' 6"		689		32° 27.892' N 104° 34.266' W
TP2	10-28-09	6'		212	10.7	32° 27.892' N 104° 34.266' W
TP3	7-28-09	3'	2,217	302	189	32° 27.891' N 104° 34.265' W
TP3	8-5-09	4'		269	1,129	32° 27.891' N 104° 34.265' W
TP3	8-10-09	5'		309	2,912	32° 27.891' N 104° 34.265' W
TP3	10-28-09	5' 6"		1,012		32° 27.891' N 104° 34.265' W
TP3	10-28-09	6'		945	3.3	32° 27.891' N 104° 34.265' W
TP4	7-28-09	3'	379	12,090	269	32° 27.891' N 104° 34.264' W
TP4	8-5-09	4'		6,625	471	32° 27.891' N 104° 34.264' W

# Elke Environmental, Inc.

P.O. Box 14167 Odessa, TX 79768

## Field Analytical Report Form

Client Oxy USA Analyst Bobby Steadham

Site Indian Basin Gas Plant Spill

Sample ID	Date	Depth	TPH / PPM	Cl / PPM	PID / PPM	GPS
TP4	8-10-09	5'		8,759	2,719	32° 27.891' N 104° 34.264' W
TP4	10-28-09	7'			3,128	32° 27.891' N 104° 34.264' W
TP4	10-28-09	8'		4,110	1,715	32° 27.891' N 104° 34.264' W
TP4	10-28-09	10'		1,110	981	32° 27.891' N 104° 34.264' W
TP4	10-28-09	11'		179	14.4	32° 27.891' N 104° 34.264' W
TP4	12-17-09	11' 6"		279	148	32° 27.891' N 104° 34.264' W
TP5	7-28-09	3'	844	4,157	169	32° 27.891' N 104° 34.264' W
TP5	8-5-09	4'		2,399	693	32° 27.891' N 104° 34.264' W
TP5	8-10-09	5'		6,017	2,844	32° 27.891' N 104° 34.264' W
TP5	10-28-09	6'		3,067	3,063	32° 27.891' N 104° 34.264' W
TP5	10-28-09	8'		1,112	1,329	32° 27.891' N 104° 34.264' W
TP5	10-28-09	10'		639	1,171	32° 27.891' N 104° 34.264' W
TP5	10-28-09	11'		534	107	32° 27.891' N 104° 34.264' W
TP5	12-17-09	11' 6"		289	36.7	32° 27.891' N 104° 34.264' W



## Chavez, Carl J, EMNRD

---

**From:** Chavez, Carl J, EMNRD  
**Sent:** Wednesday, January 06, 2010 10:06 AM  
**To:** 'Marty\_Johnson@oxy.com'  
**Cc:** Dade, Randy, EMNRD  
**Subject:** RE: Indian Basin Gas Plant (GW-021) Oxy 47 BBL Spill, 7/17/09

Mr. Johnson:

Approved. Please note that the discharge permit for this facility is actually GW-021. I accidentally referenced Marathon's Indian Basin Gas Plant in past correspondence.

Please contact me if you have questions. Thank you.

Please be advised that OCD approval of this corrective action does not relieve the permittee of responsibility should their operations fail to adequately investigate and remediate contamination that poses a threat to ground water, surface water, human health or the environment. In addition, OCD approval of the corrective action does not relieve the permittee of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Carl J. Chavez, CHMM  
New Mexico Energy, Minerals & Natural Resources Dept.  
Oil Conservation Division, Environmental Bureau 1220 South St. Francis Dr., Santa Fe, New Mexico 87505  
Office: (505) 476-3490  
Fax: (505) 476-3462  
E-mail: CarlJ.Chavez@state.nm.us  
Website: <http://www.emnrd.state.nm.us/ocd/index.htm>  
(Pollution Prevention Guidance is under "Publications")

-----Original Message-----

From: Marty\_Johnson@oxy.com [mailto:Marty\_Johnson@oxy.com]  
Sent: Wednesday, January 06, 2010 9:38 AM  
To: Chavez, Carl J, EMNRD  
Subject: RE: Indian Basin Gas Plant (2RP-22-0) Oxy 47 BBL Spill, 7/17/09

Mr. Chavez,

To follow up on previous correspondence with you, we have excavated the South wall 3' further back towards the South and the sampling results were as follows:

Sampling point A = 120 Cl/ppm and 47.3 PID/ppm Sampling point B = 179 Cl/ppm and 55.8 PID/ppm

Test Point 4 and Test Point 5 areas were also excavated to 11'6" in depth and hard bed rock was encountered, which disallowed us to excavate any further in depth. Results were as follows:

TP4 @ 11'6" in depth = 279 Cl/ppm and 148 PID/ppm  
TP5 @ 11'6" in depth = 289 Cl/ppm and 36.7 PID/ppm

If we take an average of the final sampling results of the base of the excavation, the average results would be 387.8 Cl/ppm and 42.56 PID/ppm.

We have met the limit of 1000 Cl/ppm at all test points, and if we take into account the average of all 5 test points, we have met the limit of 100 PID/ppm, per your discretion of course. Also, an average of only TP4 and TP5, which are ~10' apart, would be 92.35 PID/ppm.

I am asking that you take into account the averages of all sample results, along with the fact that we are unable to excavate to a depth greater than the already excavated 11'6" due to bed rock material and high pressure gas lines in the very near proximity, and allow Occidental Petroleum to backfill the excavated area as soon as possible to eliminate the open excavation hazard on our Indian Basin Gas Plant property.

Thank you in advance for your consideration. Attached you will find the Plat Map of the excavation to include all Sample results.

Sincerely,

Marty Johnson  
HES Specialist  
Indian Basin Gas Plant  
Oxy USA WTP LP  
329 Marathon Road  
Lakewood, NM 88254  
Office: 575-628-4122  
Cell: 575-499-5652  
Fax: 575-628-4125  
marty\_johnson@oxy.com

-----Original Message-----

From: Chavez, Carl J, EMNRD [mailto:CarlJ.Chavez@state.nm.us]  
Sent: Tuesday, December 08, 2009 8:06 AM  
To: Johnson, Marty E  
Cc: Dade, Randy, EMNRD  
Subject: RE: Indian Basin Gas Plant (2RP-22-0) Oxy 47 BBL Spill, 7/17/09

Marty:

Good. This will work and hopefully you'll be out of it soon. The base of the excavation should be evaluated too (perhaps a composite 5-pt) from the base of the excavation. Thanks.

Carl J. Chavez, CHMM  
New Mexico Energy, Minerals & Natural Resources Dept.  
Oil Conservation Division, Environmental Bureau 1220 South St. Francis Dr., Santa Fe, New Mexico 87505  
Office: (505) 476-3490  
Fax: (505) 476-3462  
E-mail: CarlJ.Chavez@state.nm.us  
Website: <http://www.emnrd.state.nm.us/ocd/index.htm>  
(Pollution Prevention Guidance is under "Publications")

-----Original Message-----

From: Marty\_Johnson@oxy.com [mailto:Marty\_Johnson@oxy.com]  
Sent: Tuesday, December 08, 2009 8:02 AM  
To: Chavez, Carl J, EMNRD  
Subject: RE: Indian Basin Gas Plant (2RP-22-0) Oxy 47 BBL Spill, 7/17/09

Thank You, we will further excavate TP4 and TP5 area as well as the South Wall. I will follow up with sampling data as the area is excavated.

Marty Johnson  
HES Specialist  
Indian Basin Gas Plant  
Oxy USA WTP LP  
329 Marathon Road  
Lakewood, NM 88254  
Office: 575-628-4122  
Cell: 575-499-5652  
Fax: 575-628-4125  
marty\_johnson@oxy.com

-----Original Message-----

From: Chavez, Carl J, EMNRD [mailto:CarlJ.Chavez@state.nm.us]  
Sent: Tuesday, December 08, 2009 7:58 AM  
To: Johnson, Marty E  
Cc: Dade, Randy, EMNRD  
Subject: RE: Indian Basin Gas Plant (2RP-22-0) Oxy 47 BBL Spill, 7/17/09

Marty:

The TPH levels are excessive at TP-4 and 5 and the prior note indicated that the levels exceeded the TPH limit score of 10-19 with the TPH limit at 1000 ppm. You were correct in your pdf file indicating further delineation needed in the TP 4 and 5 locations. Also, the high chlorides on the South Wall need to be addressed. The release is approximately 850 ft. away from the nearest water course toward the south.

Please contact me if you have questions. Thanks.

Carl J. Chavez, CHMM  
New Mexico Energy, Minerals & Natural Resources Dept.  
Oil Conservation Division, Environmental Bureau 1220 South St. Francis Dr., Santa Fe, New Mexico 87505  
Office: (505) 476-3490  
Fax: (505) 476-3462  
E-mail: CarlJ.Chavez@state.nm.us  
Website: <http://www.emnrd.state.nm.us/ocd/index.htm>  
(Pollution Prevention Guidance is under "Publications")

-----Original Message-----

From: Marty\_Johnson@oxy.com [mailto:Marty\_Johnson@oxy.com]  
Sent: Tuesday, December 08, 2009 7:51 AM  
To: Chavez, Carl J, EMNRD  
Subject: RE: Indian Basin Gas Plant (2RP-22-0) Oxy 47 BBL Spill, 7/17/09

Thank You.

The PID ppm readings you see on the spreadsheet that I attached previously were from utilizing the Soil Vapor Headspace method as described, so hopefully we are good as far as Benzene and BTEX Limits, per your discretion of course.

Also, per your direction, we will excavate the South Wall further to achieve desired results from NMOCD. I will begin by extending the South excavation to an area of 3-4' then re-sample.

Per your direction as well, I would like to proceed with backfilling the bulk of the excavation to an area which will keep a minimum of 3 feet from the South Wall. We will then excavate the South wall utilizing the Hydro Excavation method. The Hydro excavation is preferred due to numerous high pressure lines in the area. This would help eliminate the falling hazard for the rest of the excavation and get rid of the sheer walls on the East side of the Separator.

Marty Johnson  
HES Specialist  
Indian Basin Gas Plant  
Oxy USA WTP LP  
329 Marathon Road  
Lakewood, NM 88254  
Office: 575-628-4122  
Cell: 575-499-5652  
Fax: 575-628-4125  
marty\_johnson@oxy.com

-----Original Message-----

From: Chavez, Carl J, EMNRD [mailto:CarlJ.Chavez@state.nm.us]  
Sent: Tuesday, December 08, 2009 6:55 AM

To: Johnson, Marty E  
Cc: Dade, Randy, EMNRD  
Subject: RE: Indian Basin Gas Plant (2RP-22-0) Oxy 47 BBL Spill, 7/17/09

Marty:

For chlorides, a cleanup level of 1000 ppm may work. This is subject to the OCD's pervue and the depth to water table. A concentration of 2500 to 500 ppm chlorides should be used to delineate chloride contamination and the final call on cleanup level resides with the OCD. So, some more chloride delineation along the South Wall for chlorides.

Soil vapor headspace is from a jar or baggy using a calibrated PID with a calibrant and instrument lamp that will detect VOCs.

Thank you.

Carl J. Chavez, CHMM  
New Mexico Energy, Minerals & Natural Resources Dept.  
Oil Conservation Division, Environmental Bureau 1220 South St. Francis Dr., Santa Fe, New Mexico 87505  
Office: (505) 476-3490  
Fax: (505) 476-3462  
E-mail: CarlJ.Chavez@state.nm.us  
Website: <http://www.emnrd.state.nm.us/ocd/index.htm>  
(Pollution Prevention Guidance is under "Publications")

-----Original Message-----

From: Marty\_Johnson@oxy.com [mailto:Marty\_Johnson@oxy.com]  
Sent: Tuesday, December 08, 2009 6:49 AM  
To: Chavez, Carl J, EMNRD  
Subject: RE: Indian Basin Gas Plant (2RP-22-0) Oxy 47 BBL Spill, 7/17/09

Mr. Chavez,  
The release was Produced Water from the Separator that is adjacent to the excavation.

To clarify, the stained soils have been removed then the cleanup level would be 1000 ppm for Chlorides. Is that correct?  
We have removed the soil visually clean to a layer of rock.

Also, when you discuss the field soil vapor headspace measurement. Is this a measurement when a PID is utilized by measuring the air concentration from a sample in a bag?

Thank you for your assistance on this matter.

Marty Johnson  
HES Specialist  
Indian Basin Gas Plant  
Oxy USA WTP LP  
329 Marathon Road  
Lakewood, NM 88254  
Office: 575-628-4122  
Cell: 575-499-5652  
Fax: 575-628-4125  
marty\_johnson@oxy.com

-----Original Message-----

From: Chavez, Carl J, EMNRD [mailto:CarlJ.Chavez@state.nm.us]  
Sent: Tuesday, December 08, 2009 6:37 AM  
To: Johnson, Marty E  
Cc: Dade, Randy, EMNRD  
Subject: RE: Indian Basin Gas Plant (2RP-22-0) Oxy 47 BBL Spill, 7/17/09

Mr. Johnson:

Good morning. What type of release was it? Condensate/Crude Oil/Produced Water?

Continuation of vertical delineation of Test Points 4 & 5 to the OCD cleanup levels below is required. The elevated chlorides at South Wall should also be delineated further using a 500 ppm investigation limit for characterization. However, the cleanup level for chlorides if stained soils are removed may be 1000 ppm.

	Total Ranking Score		
	>19	10 -19	0-9
Benzene(ppm)*		10	10
BTEX(ppm)*	50	50	50
TPH(ppm)**	100	1000	5000

\* A field soil vapor headspace measurement (Section V.B.1) of 100 ppm may be substituted for a laboratory analysis of the Benzene and BTEX concentration limits.

Please keep me apprised of the situation and contact me if you have questions. Thank you.

Carl J. Chavez, CHMM  
New Mexico Energy, Minerals & Natural Resources Dept.  
Oil Conservation Division, Environmental Bureau 1220 South St. Francis Dr., Santa Fe, New Mexico 87505  
Office: (505) 476-3490  
Fax: (505) 476-3462  
E-mail: CarlJ.Chavez@state.nm.us  
Website: <http://www.emnrd.state.nm.us/ocd/index.htm>  
(Pollution Prevention Guidance is under "Publications")

-----Original Message-----

From: Marty\_Johnson@oxy.com [mailto:Marty\_Johnson@oxy.com]  
Sent: Monday, December 07, 2009 11:38 AM  
To: Chavez, Carl J, EMNRD  
Subject: Oxy 47 BBL Spill, 7/17/09

Mr. Chavez,

Attached is a letter from me in response to the spill excavation that we are attempting to get resolved here at the Indian Basin Gas Plant. If you need any more information from me, so that we can get this resolved please let me know.

The OCD has reviewed your C-141 Form for a 47 bbl. "major" release. The OCD has the following comments:

- 1) The form was not identified to be an initial report, since the final report should include sampling (TPH and BTEX) to with limits consistent w/ OCD Guidelines for Spill Remediation (see [http://www.emnrd.state.nm.us/ocd/documents/7C\\_spill1.pdf](http://www.emnrd.state.nm.us/ocd/documents/7C_spill1.pdf)).
- 2) A final report w/ photos, analytical data results (EPA Std. Methods for QA/QC), and C-138 Form indicating the location of disposition of waste removed from the facility and location, volume, etc, disposed is required to verify that cleanup actually occurred.
- 3) What was the type of released liquid? This was not specified in the C-141.
- 4) What is the OCD Discharge Permit number? 2RP-22-0?

Please provide responses to clarification questions above and be advised that the OCD is awaiting a final C-141 with the attached information requested above for the OCD Online File (2RP-22-0).

The OCD link to "Release Notification" may be found under the "Rules" section of the OCD Website (search for: § 19.15.29 NMAC).

Please contact me if you have questions. Thank you.

Carl J. Chavez, CHMM  
New Mexico Energy, Minerals & Natural Resources Dept.  
Oil Conservation Division, Environmental Bureau 1220 South St. Francis Dr., Santa Fe, New Mexico 87505  
Office: (505) 476-3490  
Fax: (505) 476-3462  
E-mail: CarlJ.Chavez@state.nm.us<mailto:CarlJ.Chavez@state.nm.us>

Website: <http://www.emnrd.state.nm.us/ocd/index.htm>  
(Pollution Prevention Guidance is under "Publications")

Marty Johnson  
HES Specialist  
Indian Basin Gas Plant  
Oxy USA WTP LP  
329 Marathon Road  
Lakewood, NM 88254  
Office: 575-628-4122  
Cell: 575-499-5652  
Fax: 575-628-4125  
marty\_johnson@oxy.com

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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

Form C-141  
Revised October 10, 2003

Oil Conservation Division  
1220 South St. Francis Dr. **RECEIVED**  
Santa Fe, NM 87505

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

**Release Notification and Corrective Action** 2009 DEC 30 PM 1:36

**OPERATOR**

Initial Report  Final Report

Name of Company OXY USA WTP LP	Contact KIRKES, CLINT
Address 329 Marathon Rd. Lakewood	Telephone No. (575) 628-4113
Facility Name INDIAN BASIN GAS PLANT	Facility Type

Surface Owner	Mineral Owner INDIAN BASIN	Lease No.
---------------	----------------------------	-----------

**LOCATION OF RELEASE**

Unit Letter G	Section 23	Township 21-S	Range 23-E	Feet from the	North/South Line	Feet from the	East/West Line	County Eddy
------------------	---------------	------------------	---------------	---------------	------------------	---------------	----------------	----------------

Latitude 32°27'52.502" Longitude 104°34'28.004"

**NATURE OF RELEASE**

Type of Release Gas	Volume of Release 70 MCF	Volume Recovered 0
Source of Release Utility Flare	Date and Hour of Occurrence 12/25/2009 10:05:00 AM	Date and Hour of Discovery 12/25/2009 10:05:00 AM
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
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.* Cause: FLARED 70MCF DUE TO FIELD COMPRESSION BEING DOWN BECAUSE OF COLD WEATHER. Remedial Action Taken: FIELD CONTRACT COMPRESSOR MECHANICS RESTARTED COMPRESSORS.		
Describe Area Affected and Cleanup Action Taken.* NONE		

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: <i>Clint Kirkes</i>	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Clint Kirkes	Approved by District Supervisor:	
Title: <i>Plant Specialist</i>	Approval Date:	Expiration Date:
E-mail Address: clinton_kirkes@oxy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: <i>12/28/2009</i> Phone: (575)628-4113		

\* Attach Additional Sheets If Necessary

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 87912  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

RECEIVED  
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 WTP LP	Contact KIRKES, CLINT
Address 329 Marathon Rd. Lakewood	Telephone No. (575) 628-4113
Facility Name INDIAN BASIN GAS PLANT	Facility Type

Surface Owner	Mineral Owner INDIAN BASIN	Lease No.
---------------	----------------------------	-----------

#### LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
G	23	21-S	23-E					Eddy

Latitude 32°27'52.502" Longitude 104°34'28.004"

#### NATURE OF RELEASE

Type of Release Gas	Volume of Release 272 MCF	Volume Recovered 0
Source of Release Utility Flare	Date and Hour of Occurrence 12/13/2009 2:39:00 PM	Date and Hour of Discovery 12/13/2009 2:39:00 PM
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
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.\*

Cause:  
ACID GAS COMPRESSOR DOWN ON HIGH H2S AUTOMATIC SHUTDOWN ON 12/13/2009 FOR 11 MINUTES. AFTER TROUBLESHOOTING THE PROBLEM IT WAS DETERMINED THAT THE PACKING ON THE FIFTH STAGE CYLINDER WAS LEAKING CAUSING THE INITIAL SHUTDOWN. ON 12/15/2009 AT 07:34AM WE TOOK THE ACID GAS COMPRESSOR DOWN TO REPAIR THE LEAKING PACKING GLAND.  
Remedial Action Taken:  
RESTARTED ACID GAS COMPRESSOR.

Describe Area Affected and Cleanup Action Taken.\*  
NO CLEANUP ACTION NEEDED. ALL GAS WAS FLARED.

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: <i>Clint Kirkes</i> Printed Name: Clint Kirkes Title: <i>Plant Specialist</i> E-mail Address: clinton_kirkes@oxy.com Date: <i>12/16/2009</i> Phone: 575-628-4113	<h3 style="margin: 0;">OIL CONSERVATION DIVISION</h3> Approved by District Supervisor:  Approval Date:      Expiration Date:  Conditions of Approval:  Attached <input type="checkbox"/>
---	--

\* Attach Additional Sheets If Necessary

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

Form C-141  
Revised October 10, 2003

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

RECEIVED

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

2009 DEC 14 PM 1 55

**Release Notification and Corrective Action**

**OPERATOR**

Initial Report  Final Report

Name of Company OXY USA WTP LP	Contact MARK TREESH
Address 329 Marathon Rd. Lakewood	Telephone No. (575)200-8010
Facility Name INDIAN BASIN GAS PLANT	Facility Type

Surface Owner	Mineral Owner INDIAN BASIN	Lease No.
---------------	----------------------------	-----------

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
G	23	21-S	23-E					Eddy

Latitude 32°27'52.502" Longitude 104°34'28.004"

**NATURE OF RELEASE**

Type of Release Gas	Volume of Release 128.5 MCF	Volume Recovered 0
Source of Release Utility Flare	Date and Hour of Occurrence 12/9/2009 6:40:00 PM	Date and Hour of Discovery 12/9/2009 6:40:00 PM
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
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.\*  
Cause:  
High volume of liquids were received from the inlet gas line and separated in the inlet separator. The inlet separator then drains to the stabilizer feed tank causing the pressure in this tank to rise. The elevated pressure then causes the flare valve to open allowing gas pressure to be flared from this system  
Remedial Action Taken:  
Liquids were diverted to other systems within the plant to reduce overpressure.

Describe Area Affected and Cleanup Action Taken.\*

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.

**OIL CONSERVATION DIVISION**

Signature: <i>Mark Treesh</i>	Approved by District Supervisor:	
Printed Name: MARK TREESH	Approval Date:	Expiration Date:
Title: <i>Production Coordinator</i>	Conditions of Approval:	
E-mail Address: Mark_Treesh@oxy.com	Attached <input type="checkbox"/>	
Date: <i>12/10/2009</i> Phone: (575)200-8010		

\* Attach Additional Sheets If Necessary

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

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DEC 11 PM 1 42

**Release Notification and Corrective Action**

**OPERATOR**

Initial Report  Final Report

Name of Company OXY USA WTP LP	Contact KIRKES, CLINT
Address 329 Marathon Rd, Lakewood	Telephone No. (575) 628-4113
Facility Name INDIAN BASIN GAS PLANT	Facility Type Gas Processing
Surface Owner	Mineral Owner INDIAN BASIN
Lease No.	

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
G	23	21-S	23-E					Eddy

Latitude 32°27'52.502" Longitude 104°34'28.004"

**NATURE OF RELEASE**

Type of Release Gas	Volume of Release 167.8 MCF	Volume Recovered 0
Source of Release Utility Flare	Date and Hour of Occurrence 12/6/2009 4:05:00 PM	Date and Hour of Discovery 12/6/2009 4:05:00 PM
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
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.* Cause: FLARED 167.8MCF DUE TO FROZEN INLET SLUG CATCHER DUMP LINES. Remedial Action Taken: RAN A TEMPORARY STEAM HOSE TO DUMP LINES IN ORDER TO THAW OUT LINES.		
Describe Area Affected and Cleanup Action Taken.* N/A		

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.

**OIL CONSERVATION DIVISION**

Signature: <i>Clint Kirkes</i>	Approved by District Supervisor:	
Printed Name: Clint Kirkes	Approval Date:	Expiration Date:
Title: <i>Plant Specialist</i>	Conditions of Approval:	
E-mail Address: clinton_kirkes@oxy.com	Attached <input type="checkbox"/>	
Date: <i>12/7/2009</i> Phone: 575-628-4113		

\* Attach Additional Sheets If Necessary

## Chavez, Carl J, EMNRD

---

**From:** Chavez, Carl J, EMNRD  
**Sent:** Tuesday, December 08, 2009 6:37 AM  
**To:** 'Marty\_Johnson@oxy.com'  
**Cc:** Dade, Randy, EMNRD  
**Subject:** RE: Indian Basin Gas Plant (2RP-22-0) Oxy 47 BBL Spill, 7/17/09

Mr. Johnson:

Good morning. What type of release was it? Condensate/Crude Oil/Produced Water?

Continuation of vertical delineation of Test Points 4 & 5 to the OCD cleanup levels below is required. The elevated chlorides at South Wall should also be delineated further using a 500 ppm investigation limit for characterization. However, the cleanup level for chlorides if stained soils are removed may be 1000 ppm.

	Total Ranking Score			
	>19	10 -19	0-9	
Benzene(ppm)*		10	10	10
BTEX(ppm)*	50	50	50	
TPH(ppm)**	100	1000	5000	

\* A field soil vapor headspace measurement (Section V.B.1) of 100 ppm may be substituted for a laboratory analysis of the Benzene and BTEX concentration limits.

Please keep me apprised of the situation and contact me if you have questions. Thank you.

Carl J. Chavez, CHMM  
New Mexico Energy, Minerals & Natural Resources Dept.  
Oil Conservation Division, Environmental Bureau 1220 South St. Francis Dr., Santa Fe, New Mexico 87505  
Office: (505) 476-3490  
Fax: (505) 476-3462  
E-mail: [CarlJ.Chavez@state.nm.us](mailto:CarlJ.Chavez@state.nm.us)  
Website: <http://www.emnrd.state.nm.us/ocd/index.htm>  
(Pollution Prevention Guidance is under "Publications")

-----Original Message-----

**From:** Marty\_Johnson@oxy.com [mailto:Marty\_Johnson@oxy.com]  
**Sent:** Monday, December 07, 2009 11:38 AM  
**To:** Chavez, Carl J, EMNRD  
**Subject:** Oxy 47 BBL Spill, 7/17/09

Mr. Chavez,

Attached is a letter from me in response to the spill excavation that we are attempting to get resolved here at the Indian Basin Gas Plant. If you need any more information from me, so that we can get this resolved please let me know.

The OCD has reviewed your C-141 Form for a 47 bbl. "major" release. The OCD has the following comments:

- 1) The form was not identified to be an initial report, since the final report should include sampling (TPH and BTEX) to with limits consistent w/ OCD Guidelines for Spill Remediation (see [http://www.emnrd.state.nm.us/ocd/documents/7C\\_spill1.pdf](http://www.emnrd.state.nm.us/ocd/documents/7C_spill1.pdf)).
- 2) A final report w/ photos, analytical data results (EPA Std. Methods for QA/QC), and C-138 Form indicating the location of disposition of waste removed from the facility and location, volume, etc, disposed is required to verify that cleanup actually occurred.
- 3) What was the type of released liquid? This was not specified in the C-141.
- 4) What is the OCD Discharge Permit number? 2RP-22-0?

Please provide responses to clarification questions above and be advised that the OCD is awaiting a final C-141 with the attached information requested above for the OCD Online File (2RP-22-0).

The OCD link to "Release Notification" may be found under the "Rules" section of the OCD Website (search for: § 19.15.29 NMAC).

Please contact me if you have questions. Thank you.

Carl J. Chavez, CHMM

New Mexico Energy, Minerals & Natural Resources Dept.

Oil Conservation Division, Environmental Bureau 1220 South St. Francis Dr., Santa Fe, New Mexico 87505

Office: (505) 476-3490

Fax: (505) 476-3462

E-mail: [CarlJ.Chavez@state.nm.us](mailto:CarlJ.Chavez@state.nm.us)<<mailto:CarlJ.Chavez@state.nm.us>>

Website: <http://www.emnrd.state.nm.us/ocd/index.htm>

(Pollution Prevention Guidance is under "Publications")

Marty Johnson

HES Specialist

Indian Basin Gas Plant

Oxy USA WTP LP

329 Marathon Road

Lakewood, NM 88254

Office: 575-628-4122

Cell: 575-499-5652

Fax: 575-628-4125

[marty\\_johnson@oxy.com](mailto:marty_johnson@oxy.com)

---

This inbound email has been scanned for malicious software and transmitted safely to you using Webroot Email Security.

---

## Chavez, Carl J, EMNRD

---

**From:** Marty\_Johnson@oxy.com  
**Sent:** Monday, December 07, 2009 11:38 AM  
**To:** Chavez, Carl J, EMNRD  
**Subject:** Oxy 47 BBL Spill, 7/17/09  
**Attachments:** Scan001.PDF

Mr. Chavez,

Attached is a letter from me in response to the spill excavation that we are attempting to get resolved here at the Indian Basin Gas Plant. If you need any more information from me, so that we can get this resolved please let me know.

The OCD has reviewed your C-141 Form for a 47 bbl. "major" release. The OCD has the following comments:

1) The form was not identified to be an initial report, since the final report should include sampling (TPH and BTEX) to with limits consistent w/ OCD Guidelines for Spill Remediation (see [http://www.emnrd.state.nm.us/ocd/documents/7C\\_spill1.pdf](http://www.emnrd.state.nm.us/ocd/documents/7C_spill1.pdf)).

2) A final report w/ photos, analytical data results (EPA Std. Methods for QA/QC), and C-138 Form indicating the location of disposition of waste removed from the facility and location, volume, etc, disposed is required to verify that cleanup actually occurred.

3) What was the type of released liquid? This was not specified in the C-141.

4) What is the OCD Discharge Permit number? 2RP-22-0?

Please provide responses to clarification questions above and be advised that the OCD is awaiting a final C-141 with the attached information requested above for the OCD Online File (2RP-22-0).

The OCD link to "Release Notification" may be found under the "Rules" section of the OCD Website (search for: § 19.15.29 NMAC).

Please contact me if you have questions. Thank you.

Carl J. Chavez, CHMM

New Mexico Energy, Minerals & Natural Resources Dept.

Oil Conservation Division, Environmental Bureau 1220 South St. Francis Dr., Santa Fe, New Mexico 87505

Office: (505) 476-3490

Fax: (505) 476-3462

E-mail: [CarlJ.Chavez@state.nm.us](mailto:CarlJ.Chavez@state.nm.us)<<mailto:CarlJ.Chavez@state.nm.us>>

Website: <http://www.emnrd.state.nm.us/ocd/index.htm>

(Pollution Prevention Guidance is under "Publications")

Marty Johnson  
HES Specialist  
Indian Basin Gas Plant  
Oxy USA WTP LP  
329 Marathon Road  
Lakewood, NM 88254  
Office: 575-628-4122  
Cell: 575-499-5652  
Fax: 575-628-4125  
[marty\\_johnson@oxy.com](mailto:marty_johnson@oxy.com)

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This inbound email has been scanned for malicious software and transmitted safely to you using Webroot Email Security.

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December 7, 2009

New Mexico Oil Conservation Division (NMOCD)  
New Mexico Energy, Minerals and Natural Resources Dept.  
Oil Conservation Division, Environmental Bureau  
1220 South St. Francis Drive  
Santa Fe, NM 87505

Attention: Carl J. Chavez, CHMM

Dear New Mexico Oil Conservation Division (NMOCD):

SUBJECT: FINAL REPORT OF SAMPLING, 47 BBL RELEASE

Per your request, I am sending this letter, with attachments, as a final report to the 47 bbl release which occurred on 7/17/09 at the Indian Basin Gas Plant in South East New Mexico near Carlsbad.

Analytical data has been attached with coordinates and map. You will see that we have excavated an area 6' wide X 24' in length, and going to a depth of 11' in areas to attempt getting the analytical data to an acceptable level. There were 5 test points selected in the excavation process. As we excavated the area, sampling was performed as various depths. In doing this, Test Point 1 went from 7391 Cl / PPM to 214 Cl / PPM at a depth of 6', Test Point 2 went from >30,000 Cl / PPM to 212 Cl / PPM at a depth of 6', Test Point 3 went from 1012 Cl / PPM at 5.5' to 945 Cl / PPM at a depth of 6', Test Point 4 went from 12,090 Cl / PPM to 179 Cl / PPM at 11', and Test Point 5 went from 6017 Cl / PPM at 5' to 534 Cl / PPM at 11'.

The excavation was performed by utilizing a hydro-excavation process due to numerous gas lines in the area. We have excavated to a depth of reaching a rock shelf and the excavation process is not feasible. It is highly undesirable to excavate the area utilizing any other means due to the high pressure gas lines in the area. The excavated material was disposed at the Lea Land facility in South East New Mexico which is licensed for this type of disposal. Analytical samples and data were provided by a third party contractor, Elke Environmental.

The Oxy Indian Basin Gas Plant is requesting a variance on this excavation as it has been deemed hazardous and unsafe to continue with excavating any deeper. The area is on the Plant property and the water table in the area is ~110'. We show a decrease in the sampling data and are confident that the contaminated material will not reach the water table before it dilutes to a safe level due to the natural filtering process.

There are numerous gas lines in the near proximity of the excavation, within a few feet, and a natural gas separator unit which is at the West edge of the excavation.

Thank you in advance for the timely response to this letter as we are anxious to get the excavation refilled to get rid of the falling hazard this has created on our site. If you require any additional information please let me know at [marty\\_johnson@oxy.com](mailto:marty_johnson@oxy.com).

Sincerely,



Marty Johnson, HES Specialist  
HES Specialist, Senior  
Occidental Petroleum

OXY PETROLEUM  
INDIAN BASIN GAS PLANT  
329 MARATHON ROAD  
LAKEWOOD, NM 88254

**Elke Environmental, Inc.**

P.O. Box 14167 Odessa, TX 79768

**Field Analytical Report Form**

**Client** Oxy USA

**Analyst** Bobby Steadham

**Site** Indian Basin Gas Plant Spill

Sample ID	Date	Depth	TPH / PPM	CI / PPM	PID / PPM	GPS
TP1	7-28-09	3'	100	7,391	5.7	32° 27.891' N 104° 34.267' W
TP1	8-5-09	4'		738	4.9	32° 27.891' N 104° 34.267' W
TP1	8-10-09	5'		1,060	48.7	32° 27.891' N 104° 34.267' W
TP1	10-28-09	5' 6"		724		32° 27.891' N 104° 34.267' W
TP1	10-28-09	6'		214	14.1	32° 27.891' N 104° 34.267' W
TP2	7-28-09	3'	630	>30,000	104	32° 27.892' N 104° 34.266' W
TP2	8-5-09	4'		7,396	501	32° 27.892' N 104° 34.266' W
TP2	8-10-09	5'		5,847	417	32° 27.892' N 104° 34.266' W
TP2	10-28-09	5' 6"		689		32° 27.892' N 104° 34.266' W
TP2	10-28-09	6'		212	10.7	32° 27.892' N 104° 34.266' W
TP3	7-28-09	3'	2,217	302	189	32° 27.891' N 104° 34.265' W
TP3	8-5-09	4'		269	1,129	32° 27.891' N 104° 34.265' W
TP3	8-10-09	5'		309	2,912	32° 27.891' N 104° 34.265' W
TP3	10-28-09	5' 6"		1,012		32° 27.891' N 104° 34.265' W
TP3	10-28-09	6'		945	3.3	32° 27.891' N 104° 34.265' W
TP4	7-28-09	3'	379	12,090	269	32° 27.891' N 104° 34.264' W
TP4	8-5-09	4'		6,625	471	32° 27.891' N 104° 34.264' W

**Johnson, Marty E**

**From:** Bobby Steadham [bs\_elkeenv@yahoo.com]

**Sent:** Monday, October 26, 2009 11:12 AM

**To:** Johnson, Marty E

**Subject:** IBGP

This information has been gathered during the delineation of a spill at the 'Indian Basin Gas Plant'. The area that the spill covered was identified during this last group of testing. The North wall extended approximately five feet outside the existing excavation.

<b>North Wall</b>	CL	289 ppm
	PID	12.8 ppm
	TPH	42 ppm

The East wall was identified as being just West of a pair of flow lines running parallel, North and South.

<b>East Wall</b>	CI	181 ppm
	PID	26 ppm
	TPH	26 ppm

The South Wall remained undetermined but with the following results:

<b>South Wall B</b>	CL	3245 ppm
	PID	15 ppm
	TPH	
<b>South Wall C</b>	CL	595 ppm
	PID	14.3 ppm
	TPH	32 ppm

The South wall is still above the LEL on Chlorides, however a significant decrease in Chlorides did occur from the previous Test Point.

The West wall had previously been identified approximately one foot west of spill, with the following results:

<b>West Wall</b>	CL	179 ppm
	PID	6.3 ppm
	TPH	56 ppm

Further delineation of test points 4 & 5 were conducted, testing of only the PID. Each test was conducted one foot below the last to a final depth of approximately 11'.

Test Point	Depth	Result
4 & 5	7'	3063 ppm
4 & 5	8'	1329 ppm

10/26/2009

4 & 5	9'	1171 ppm
4 & 5	10'	1260 ppm

We are still needing to obtain the five Lab confirmation samples to satisfy the NMOCD. I recommend continuation of vertical delineation of Test Points 4 & 5 to levels much closer to satisfiable results.

**Elke Environmental, Inc.**

P.O. Box 14167 Odessa, TX 79768

**Field Analytical Report Form**

**Client** Oxy USA

**Analyst** Bobby Steadham

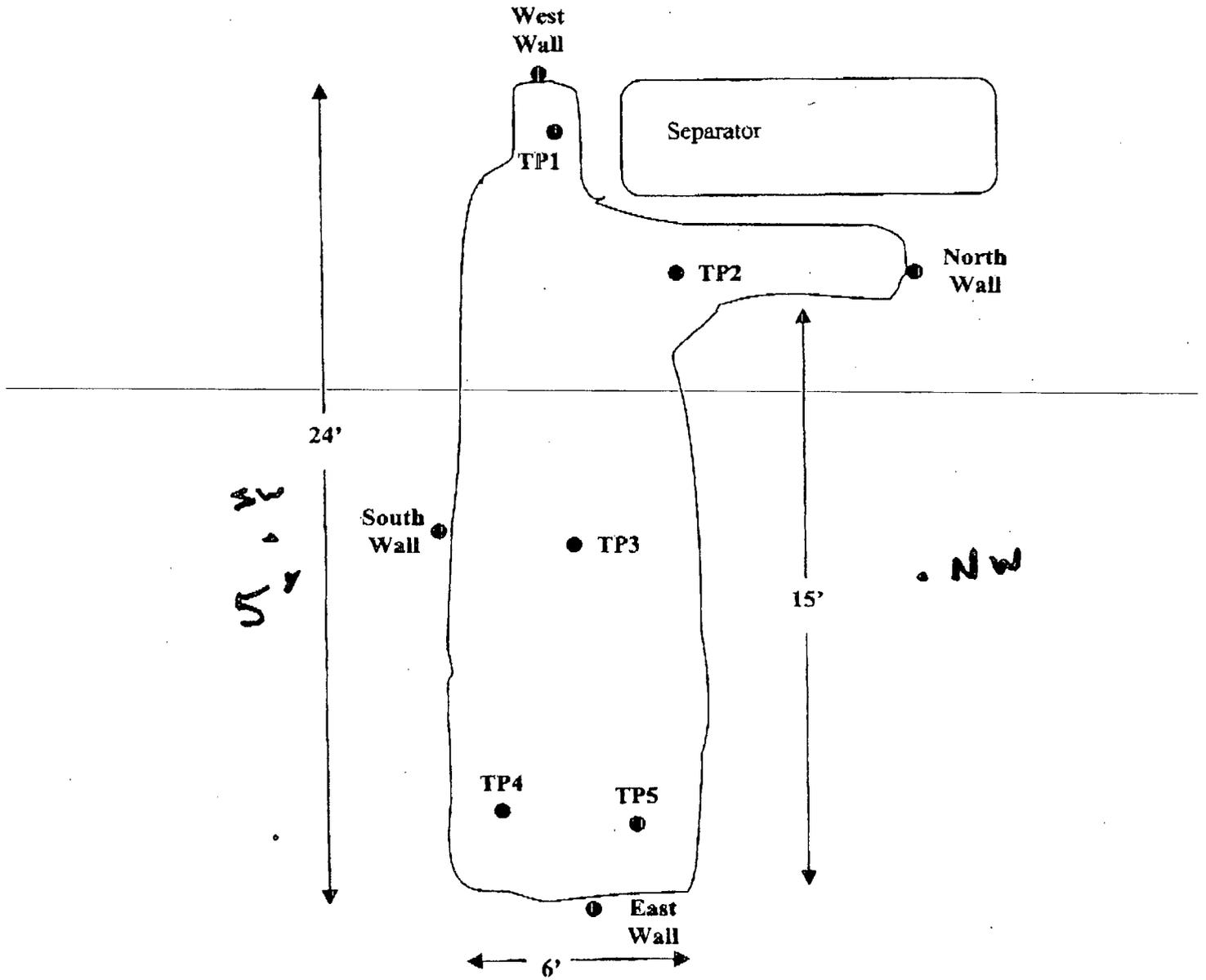
**Site** Indian Basin Gas Plant Spill

Sample ID	Date	Depth	TPH / PPM	CI / PPM	PID / PPM	GPS
TP4	8-10-09	5'		8,759	2,719	32° 27.891' N 104° 34.264' W
TP4	10-28-09	7'			3,128	32° 27.891' N 104° 34.264' W
TP4	10-28-09	8'		4,110	1,715	32° 27.891' N 104° 34.264' W
TP4	10-28-09	10'		1,110	981	32° 27.891' N 104° 34.264' W
TP4	10-28-09	11'		179	14.4	32° 27.891' N 104° 34.264' W
TP5	7-28-09	3'	844	4,157	169	32° 27.891' N 104° 34.264' W
TP5	8-5-09	4'		2,399	693	32° 27.891' N 104° 34.264' W
TP5	8-10-09	5'		6,017	2,844	32° 27.891' N 104° 34.264' W
TP5	10-28-09	6'		3,067	3,063	32° 27.891' N 104° 34.264' W
TP5	10-28-09	8'		1,112	1,329	32° 27.891' N 104° 34.264' W
TP5	10-28-09	10'		639	1,171	32° 27.891' N 104° 34.264' W
TP5	10-28-09	11'		534	107	32° 27.891' N 104° 34.264' W
North Wall	7-28-09	1.5'	109	150	65.6	32° 27.893' N 104° 34.265' W
South Wall	8-10-09	1.5'	78	595	15.0	32° 27.891' N 104° 34.260' W
West Wall	7-28-09	1.5'	56	179	6.3	32° 27.887' N 104° 34.265' W
East Wall	8-10-09	1.5'	64	181	26.0	32° 27.892' N 104° 34.260' W

Oxy USA  
Indian Basin Gas Plant Spill  
Eddy County, NM



Plat Map



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

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**Release Notification and Corrective Action**

**OPERATOR**

Initial Report  Final Report

Name of Company OXY USA WTP LP	Contact KIRKES, CLINT
Address 329 Marathon Rd, Lakewood	Telephone No. (575) 628-4113
Facility Name INDIAN BASIN GAS PLANT	Facility Type

Surface Owner	Mineral Owner INDIAN BASIN	Lease No.
---------------	----------------------------	-----------

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
G	23	21-S	23-E					Eddy

Latitude 32°27'52.502" Longitude 104°34'28.004"

**NATURE OF RELEASE**

Type of Release Gas	Volume of Release 104.1 MCF	Volume Recovered 0
Source of Release Utility Flare	Date and Hour of Occurrence 11/20/2009 8:10:00 AM	Date and Hour of Discovery 11/20/2009 8:10:00 AM
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
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.\*  
Cause:  
FLARED DUE TO STABILIZER COMPRESSOR DOWNTIME FOR PIPING CHANGE ON STABILIZER SYSTEM.  
Remedial Action Taken:  
PIPING WAS PRE- FABRICATED AND ADDITIONAL LABOR WAS BROUGHT IN TO THE PLANT TO COMPLETE JOB IN A TIMELY MATTER.

Describe Area Affected and Cleanup Action Taken.\*

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: <i>Clint Kirkes</i>	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Clint Kirkes	Approved by District Supervisor:	
Title: <i>Plant Specialist</i>	Approval Date:	Expiration Date:
E-mail Address: clinton_kirkes@oxy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: <i>11/23/2009</i> Phone: 575-628-4113		

\* Attach Additional Sheets If Necessary

## Chavez, Carl J, EMNRD

---

**From:** Chavez, Carl J, EMNRD  
**Sent:** Tuesday, November 17, 2009 10:27 AM  
**To:** 'Mark\_Treesh@oxy.com'  
**Cc:** Dade, Randy, EMNRD; Ezeanyim, Richard, EMNRD; VonGonten, Glenn, EMNRD  
**Subject:** RE: Oxy Indian Basin Gas Plant (2RP-22-0) C-141 Acid Gas Compressor Shutdown Due to Low Lube Oil Flow Shutdown to Cylinders  
**Attachments:** 19.15.11 NMAC.doc

Mr. Treesh:

The New Mexico Oil Conservation Division (OCD) has completed its review of your e-mail submittals.

The C-141 corrective actions taken hopefully will correct the reoccurring problem.

The Emergency Response Plan for Southwest New Mexico (Eddy, Lea, Chavez & Roosevelt Counties) does not appear to specifically address OCD § 19.15.11 NMAC (Hydrogen Sulfide Gas- see attached regulations) regulatory requirements for each facility. While the OCD commends OXY for developing a generic plan (Pages 41-42 attempting to display all OXY facility area of exposures, etc., which are not discernible from the figure and appear generic in nature), it appears that either a new generic plan focusing on OCD's Hydrogen Sulfide Gas Regulations is needed with site-specific Contingency Plan (CP) pages with maps to scale for every facility that may have 100 ppm or greater H<sub>2</sub>S gas releases (see attached regulations).

Please take a moment to review the OCD regulations and contact me to discuss how OXY may develop one generic plan for all applicable facilities in New Mexico that will satisfy § 19.15.11 NMAC or an individual CP for each facility that the regulations applies to in New Mexico. The OCD requests that you submit a H<sub>2</sub>S CP for the Oxy Indian Basin Gas Plant within 90 days of receipt of this e-mail. In addition, OXY may desire to develop one generic CP with site specific pages that display the required information for each applicable facility.

Please contact me if you have questions. Thank you.

Carl J. Chavez, CHMM  
New Mexico Energy, Minerals & Natural Resources Dept.  
Oil Conservation Division, Environmental Bureau  
1220 South St. Francis Dr., Santa Fe, New Mexico 87505  
Office: (505) 476-3490  
Fax: (505) 476-3462  
E-mail: [CarlJ.Chavez@state.nm.us](mailto:CarlJ.Chavez@state.nm.us)  
Website: <http://www.emnrd.state.nm.us/ocd/index.htm>  
(Pollution Prevention Guidance is under "Publications")

---

**From:** Mark\_Treesh@oxy.com [mailto:Mark\_Treesh@oxy.com]  
**Sent:** Friday, November 13, 2009 7:14 PM  
**To:** Chavez, Carl J, EMNRD  
**Cc:** Dade, Randy, EMNRD; Ezeanyim, Richard, EMNRD  
**Subject:** RE: Oxy Indian Basin Gas Plant (2RP-22-0) C-141 Acid Gas Compressor Shutdown Due to Low Lube Oil Flow Shutdown to Cylinders

Mr. Chavez,

As requested attached are:

1] The OXY-Midcontinent Emergency Response Plan (ERP) for southwest New Mexico. The H<sub>2</sub>S contingency plant is included in the ERP with maps of the Indian Basin area including the plant showing radius of exposures and the nearest public residences on page 41 and 42.

2] An amended C-141 that contains an improved description of the problem and events leading up to the release and the actions we took to remedy the problem and to limit the probability of recurrence.

I apologize in the slight delay in getting you this response as I have been experiencing internet / email problems throughout the day.

Mark Treesh  
Production Coordinator  
Indian Basin Gas Plant  
Office: 575-628-4112  
Cell: 575-200-8010

---

**From:** Chavez, Carl J, EMNRD [mailto:CarlJ.Chavez@state.nm.us]  
**Sent:** Thursday, November 05, 2009 5:05 PM  
**To:** Treesh, Mark E  
**Cc:** Dade, Randy, EMNRD; Ezeanyim, Richard, EMNRD  
**Subject:** Oxy Indian Basin Gas Plant (2RP-22-0) C-141 Acid Gas Compressor Shutdown Due to Low Lube Oil Flow Shutdown to Cylinders

Mr. Mark Treesh:

Good afternoon. The Oil Conservation Division (OCD) is in receipt of your C-141 Form for a 90.67 MCF release that occurred on 10/31/2009 at 4:42 p.m. The OCD has received prior C-141s indicating a similar description for cause of the release ("acid gas compressor shutdown due to low lube oil flow shutdown to cylinders").

You indicated in a telephone call that when the compressor shuts down 98% of the gas is flared with a sulfur dioxide emission. In addition, a release form is submitted to the NMED for air quality monitoring purposes.

I have attached the C-141 Form for reference.

Based on the final C-141 Form that was submitted, the OCD requests the following:

- 1) Copy of your H<sub>2</sub>S Contingency Plan (CP) as required by 19.15.11 NMAC (Hydrogen Sulfide Gas). The CP should have a map to help assess public health threats from the releases that have been occurring.
- 2) Amend the C-141 Form to describe the cause of the problem and remedial action taken, in this case, to fix the problem or steps taken to remedy the situation and prevent these releases from re-occurring.

The OCD hopes that the problem with the compressor is fixed to prevent these "Major Releases" from occurring in the future. Please resubmit a recompleted C-141 Form and CP to me by close of business next Friday, November 13, 2009.

Please contact me if you have questions. Thank you.

Carl J. Chavez, CHMM  
New Mexico Energy, Minerals & Natural Resources Dept.  
Oil Conservation Division, Environmental Bureau  
1220 South St. Francis Dr., Santa Fe, New Mexico 87505  
Office: (505) 476-3490  
Fax: (505) 476-3462  
E-mail: [CarlJ.Chavez@state.nm.us](mailto:CarlJ.Chavez@state.nm.us)  
Website: <http://www.emnrd.state.nm.us/ocd/index.htm>  
(Pollution Prevention Guidance is under "Publications")

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# **OXY Mid-Continent**

## **EMERGENCY RESPONSE PLAN**

**Southwest - NEW MEXICO**

**This document includes Eddy, Lea, Chavez,  
and Roosevelt Counties in New Mexico for  
Indian Basin Gas Plant and Production Well  
Facilities.**

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## PREFACE

An effective and viable Emergency Response Plan is intended to provide prior planning and guidance in responding to Emergency Incidents. The primary considerations in its development are personnel and public safety, protection of company and public property and protection of the environment.

Although the plan addresses varied emergency situations that may occur, it recognizes that flexibility and the use of the organization's knowledge and experience is critical to safe resolution of emergency incidents. Response actions outlined in the plan provide a framework that may be placed into operation without confusion. This will promote quick and decisive actions while protecting the safety of personnel and the public.

Every effort has been taken to minimize or eliminate all potentially hazardous situations and to avoid accidents due to equipment failure by the dedicated efforts of our people in maintaining a preventive maintenance program.

The New Mexico Indian Basin Gas Plant and Production Areas of the Southwest Mid-Continent team is responsible and accountable for the implementation, evaluation, and maintenance of this Emergency Response Plan in accordance with Oxy Mid-Continent's safety guidelines.

## Mid-Continent SOUTHWEST-NM POLICY

The Mid-Continent, Southwest-NM team pledges to protect the health and safety of our employees, contractors, users of our products and the communities in which we operate. We recognize the challenge of fulfilling this pledge while accomplishing our other corporate goals. Each of us share this responsibility to ensure our long term success. To achieve our goals, we will:

- Commit to leadership by operating and growing our business in compliance with all known legal requirements and Oxy Mid-Continent's Health, Environmental, Safety and Regulatory operating guidelines.
- Safeguard our employees' health by promoting an accident free workplace, minimizing exposure to hazardous substances, and providing preventive health care systems.
- Promote the safe handling, use and disposal of our products by acquiring and communicating information thus educating our employees and customers.
- Minimize the environmental impact of our operations by promoting pollution prevention and environmental conservation.
- Anticipate, evaluate and manage risks by maintaining crisis management programs that emphasize prevention and effective emergency preparedness, response and recovery plans.
- Commit to continuous improvement by monitoring compliance with regulations and our internal guidelines while striving for Safety performance which compares favorably with industry leaders.
- Earn the public trust by communicating openly about our guidelines, programs and performance while advocating sound laws and regulations.

# EMERGENCY RESPONSE AND EVACUATION

## ACTIVATION OF EMERGENCY RESPONSE PLAN

Upon notification or discovery by anyone of a potential emergency situation:

1. Evaluate the Incident and Initial notifications should be made via Company radio and / or mobile phone.
2. Initiate the Emergency Response Plan.
3. Initiate Rescue and First Aid as the situation dictates.

The person at the emergency site will notify the **Plant / Operations Production Coordinator**, who will notify the first responder.

- 1. The **Production Coordinator** will be responsible for the delegation of assignments relative to notifying all company, contract, and emergency response personnel.
- 2. The **Production Coordinator** will notify and coordinate deployment of emergency equipment and any additional manpower as the situation dictates.
- 3. The **Production Coordinator**, or relief, remains on site until the emergency is over.

The **Production Coordinator** ensures repairs have been completed and ensures the operation has returned to normal, before releasing emergency team members.

## PERSONNEL RESPONSIBILITIES

A. **Company Team Member** will be responsible for:

1. Notifying responsible party of incident location.
2. Containment, and repair of hazardous conditions as assigned by **Production Coordinator** and only those tasks they have been trained to perform.
3. Assisting civil authorities as requested by the **Production Coordinator**.
4. Coordinating with civil authorities, and the use of other expertise as needed relative to hazards.

B. **Contract Personnel** will immediately evacuate to the designated mustering area where they will be accounted for from the Job Permit / Control Room sign-in sheet.

**Contractors** will remain in the area to assist Oxy Mid-Continent team members and civil authorities as requested but only when it is safe to do so and when adequate training has been provided.

**C. Civil Authorities (Law Enforcement, Fire, Emergency Medical Services)** will be responsible for:

1. Establishing membership in a Unified Command structure hosted by the Oxy Mid-Continent **Production Coordinator**.
2. As directed by the **Production Coordinator** and the Unified Command, control site access by highway and air, re-route traffic outside vicinity of area, and provide escort services for response personnel into the area.
3. Perform all fire and vapor release control activities in coordination with the Unified Command.
4. Initiate public evacuation plans as instructed by the **Production Coordinator**.
5. Perform rescue or recovery activities with coordination from the Unified Command.
6. Provide medical assistance as dictated by the situation at hand.

## **EMERGENCY SHUTDOWN PROCEDURES**

Any Oxy Mid-Continent employee has the discretionary authority to initiate a shutdown of the field or facility if assessment of the situation deems an immediate shutdown is necessary.

Often, during daylight hours, this decision would be deferred to the **Plant / Operations Production Coordinator** or the supervisor-in-charge.

However, this decision may be left up to the judgment of the employee involved when a Production Coordinator or Supervisor cannot be immediately contacted.

## EMERGENCY RESPONSE ACTIONS

### PRODUCTION COORDINATOR

The **Production Coordinator** will be responsible for all direct contact with the news media and for all other documentation. Primary responsibility is to notify or delegate all Oxy Mid-Continent and contract personnel as well as civil authorities required for emergency response to the situation.

Additionally, the PC will direct the actions of all team members on-site and initiate an evacuation as necessary to the designated mustering point. The PC will determine when an emergency is considered over and operations have returned to normal. The PC will take a leadership role in establishing a Unified Command with civil authorities, local responders, and community response officials.

### PRODUCTION COORDINATOR ASSISTANT

The **PC Assistant**, to be named by the **Production Coordinator** at the time of the emergency, will assist and relieve the PC in any emergency action responsibilities as directed. The **PC Assistant** will help coordinate tactical decisions with the PC relative to resolving the incident, and will specialize in field activities surrounding operations, local planning, immediate logistics, and establishing safe operations for the community.

### OTHER PERSONNEL

All **non-emergency personnel** should proceed to the mustering area and wait for instructions from the PC.

### HES REPRESENTATIVES

The primary responsibility of the local **HES Representative** is to notify the appropriate regulatory agencies whenever environmental concerns and regulations dictate.

Additionally, the **HES Representative** is responsible to provide clean-up directions and requirements for spill remediation, to include disposal guidelines.

The **HES Representative** is responsible for assessing the hazards of the situation, advising the PC of those hazards and appropriate responses, to ensure the safety of response personnel.

**HES Representative** will take the lead in assisting the Unified Command in establishing "Hot" and "Cold" zones as dictated by the incident.

The **HES Representative** should coordinate all required regulatory agency and Houston Office notification in the event of serious injury or death.

**HES Representative** should assist in acquiring and deploying the appropriate Personal Protective Equipment (PPE) as needed.

After returning to normal operations, the **HES Representative** should critique the outcome of the incident and coordinate the investigation and post-appraisal of the incident.

**HES Representative** should perform all other duties as requested by the PC or HES Manager.

### **COMMAND CENTER**

In the event that the incident permits the safe use of the office, the conference room in the office will be utilized as the **Command Center** during emergency situations. This location was chosen because there is access to multiple phone lines, wireless internet, wired computer lines, fax machine and information resources. The building is equipped as follows:

1. Office supplies and forms are available in office supply rooms.
2. Computers and mail terminals are available but are inoperable during a power loss.
3. In the event the office requires evacuation and a mobile Emergency Command Center is set up, all communications with civil authorities shall be conducted via mobile phone.

**Civil Authority Personnel** will report to the mobile **Command Center** for further instructions. Communications with Oxy Mid-Continent Southwest Team Members or other locations will be conducted with mobile phones, radios, or company "walkie-talkie" radios.

### **HAZWOPER TRAINED PERSONNEL**

Jerry "Bubba" Harrison	Operations Production Coordinator	Level V
Van Barton	Operations Production Coordinator	Level V
Mark Treesh	Plant Production Coordinator	Level V
Marty Johnson	HES Specialist	Level V
Rick Kerby	HES Specialist	Level V
Kelton Beard	HES Specialist	Level V

## SOUTHWEST- NM FIRST CONTACT EMERGENCY TELEPHONE LIST

<b>OXY MID-CONTINENT HOTLINE</b>	<b>713-935-7210</b>
<b>CAPROCK ANSWERING SERVICE</b>	<b>575-393-3021</b>
<b>CARLSBAD OFFICE</b>	<b>575-628-4100</b>
<b>ARTESIA ANSWERING SERVICE</b>	<b>575-746-4302</b>

### TEAM LEADERS AND HES

<b>Van Barton</b> <i>Operations Production Coordinator</i>	<b>Office Mobile Home Radio Call</b>	<b>575-628-4111 575-706-7671 575-706-3269 103</b>
<b>Jerry (Bubba) Harrison</b> <i>Operations Production Coordinator</i>	<b>Office Mobile Home Radio Call</b>	<b>575-628-4183 575-365-5863 575-746-6754 101</b>
<b>Mark Treesh</b> <i>Plant Production Coordinator</i>	<b>Office Mobile Home</b>	<b>575-628-4112 575-200-8010 575-628-8128</b>
<b>Alonzo Hernandez</b> <i>HES Supervisor</i>	<b>Office Mobile Home</b>	<b>970-263-3609 970-985-6055 970-434-9048</b>
<b>Marty Johnson</b> <i>HES Specialist</i>	<b>Office Mobile Home</b>	<b>575-628-4122 575-499-5652 575-725-5188</b>
<b>Rick Kerby</b> <i>HES Specialist</i>	<b>Office Mobile Cellular Phone Home Radio Call</b>	<b>575-628-4120 575-631-4972 575-390-8639 575-887-9094 102</b>
<b>Kelton Beard</b> <i>HES Specialist</i>	<b>Office Mobile Radio Call</b>	<b>575-628-4121 575-390-1903 104</b>

**SOUTHWEST - NM TEAM  
EMERGENCY TELEPHONE LIST**

**HES SUPPORT PERSONNEL**

<b>Marty Johnson</b> <i>HES Specialist</i>	<b>Office</b> <b>Mobile</b> <b>Home</b>	<b>575-628-4122</b> <b>575-499-5652</b> <b>575-725-5188</b>
<b>Rick Kerby</b> <i>HES Specialist</i>	<b>Office</b> <b>Mobile</b> <b>Home</b>	<b>575-628-4120</b> <b>575-390-8639</b> <b>575-887-9094</b>
<b>Kelton Beaird</b> <i>HES Specialist</i>	<b>Office</b> <b>Mobile</b> <b>Home</b>	<b>575-628-4121</b> <b>575-390-1903</b> <b>575-318-9256</b>

**COXY MID-CONTINENT HOUSTON / GRAND JUNCTION OFFICE**

<b>J.T. (Tommy) McKenzie</b> <i>Asset Manager</i> <i>Houston</i>	<b>Office</b>	<b>713-366-5176</b>
<b>Scott Hodges</b> <i>SW Ops Manager</i> <i>Midland</i>	<b>Office</b> <b>Mobile</b>	<b>432-685-5807</b> <b>432-238-4405</b>
<b>David Edwards</b> <i>HES Manager</i> <i>Houston</i>	<b>Office</b> <b>Mobile</b>	<b>713-366-5527</b> <b>832-794-7932</b>
<b>Alonzo Hernandez</b> <i>HES Superintendent</i> <i>Grand Junction</i>	<b>Office</b> <b>Mobile</b> <b>Home</b>	<b>970-263-3609</b> <b>970-985-6055</b> <b>970-434-9048</b>

**EMERGENCY SERVICES**

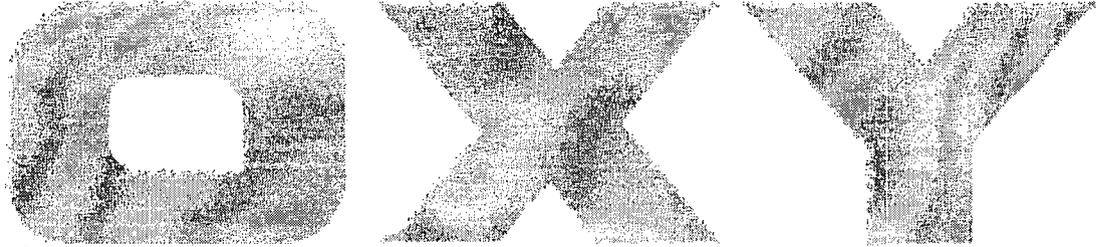
## OUTSIDE SUPPORT PHONE NUMBERS

### MEDICAL

HOSPITAL NAME	ADDRESS	CITY	PHONE NUMBER
Carlsbad Medical Center	2430 W. Pierce	Carlsbad, NM	888-262-9111
Artesia General Hospital	702 N. 13 <sup>th</sup> St	Artesia, NM	575-748-3333
Eastern New Mexico Medical Center	405 W Country Club Road	Roswell, NM	575-622-8170
Nor-Lea General Hospital	1600 N. Main Street	Lovington, NM	575-396-6611
Lea Regional Medical Center	5419 Lovington Hwy.	Hobbs, NM	575-492-5000
University Medical Center	602 Indiana	Lubbock, TX	806-775-8200
Brownfield Regional Medical Center	705 E. Felt	Brownfield, TX	806-637-3551
Covenant Health Systems	4000 24th Street	Lubbock, TX	806-725-0000
Covenant Medical Center	2615 19th Street	Lubbock, TX	806-725-1011

## AMBULANCE

Hobbs, New Mexico	911 or 575-397-9352
Lovington, New Mexico	911 or 575-396-2359
Carlsbad, New Mexico	911 or 575-885-2111
Loving, New Mexico	911 or 575-885-2111
Jal, New Mexico	911 or 575-395-2221



## AIR AMBULANCE

<b>AEROCARE (Methodist Hospital) Lubbock, Texas –</b> <i>Aerocare will respond to a call from any OXY personnel.</i> <u>ETA Lubbock to Hobbs 42 minutes.</u>	800-627-2376
Southwest Medevac – Las Cruces	888- 538-6498

## LAW ENFORCEMENT 911

## POLICE

CITY	PHONE NUMBER
Artesia, New Mexico	911 or 575-746-2704
Carlsbad, New Mexico	911 or 575-885-2111
Eunice, New Mexico	911 or 575-394-2112
Hobbs, New Mexico	911 or 575-397-9265
Jal, New Mexico	911 or 575-395-2501
Lovington, New Mexico	911 or 575-396-2811

## SHERIFF

CITY/COUNTY	PHONE NUMBER
Eddy County Sheriff- Carlsbad	911 or 575-887-7551
Eddy County Sheriff-Artesia	911 or 575-746-2704
Lea County Sheriff - Eunice	911 or 575-396-3611
Lea County Sheriff - Hobbs	911 or 575-396-3611
Lea County Sheriff - Lovington	911 or 575-396-3611

## STATE HIGHWAY PATROL

CITY	PHONE NUMBER
Artesia, New Mexico	575-746-2704
Carlsbad, New Mexico	575-885-3137
Hobbs, New Mexico	575-392-5588

## FIRE DEPARTMENT

CITY	PHONE NUMBER
Hobbs, New Mexico	911 or 575-397-9308
Lovington, New Mexico	911 or 575-396-2359
Carlsbad, New Mexico	911 or 575-885-2111
Loving, New Mexico	911 or 575-745-3600
Lakewood, New Mexico	911 or 575-746-5050
Jal, New Mexico	911 or 575-395-2221
Loco Hills, New Mexico (Sonny Hope, Fire Chief)	911 or 575-365-6510
Artesia, New Mexico	911 or 575-746-5001

## GOVERNMENT AGENCIES

AGENCY	PHONE NUMBER
Air Quality Bureau, Santa Fe, NM	575-827-1494
Bureau of Land Management, Carlsbad	575-234-5972
Bureau of Land Management, Hobbs	575-397-9308
Bureau of Land Management, Roswell	575-393-3612
Bureau of Land Management, Santa Fe	505-988-6030
LEPC - David Hooten	575-397-9231
National Response Center	800-424-8802
NM Environmental Department, Santa Fe	505-827-9329
New Mexico Oil Conservation Division, Artesia	575-748-1283
New Mexico Oil Conservation Division, Hobbs	575-393-6161
New Mexico Oil Conservation Division, Santa Fe	575-471-1068
NM State Environmental Response Center	505-827-9222
NMOCD Environmental Bureau, Santa Fe	505-827-2855
Occupational Safety & Health Admin. (OSHA)	806-746-7681
Public Affairs (Gene Montgomery)	281-552-1111

## AIRPORTS

CITY	PHONE NO.
Lea County Airport - Carlsbad Hwy	575-393-4943
Lea County Lovington Airport	575-396-9911
Lubbock International Airport	806-762-6411
Midland International Airport	432-563-2033
Cavern City Airport, Carlsbad	575-887-3060

POISON CONTROL CENTER - New Mexico	800-432-6866
POISON CONTROL CENTER - Texas	800-764-7664

CHEMTREC**	800-424-9300
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**\*\* Call CHEMTREC for questions concerning response or chemical hazards in the event of a chemical spill.**

NALCO/EXXON 24 HR EMERGENCY	800-462-5378 800-IM-ALERT
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BAKER PETROLITE 24 HR EMERGENCY	800-231-3606
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## SOUTHWEST-NM OPERATIONAL PERSONNEL

EMPLOYEE	In-house Ext.	Location	Cell Phone	Title
Artesia Tower Building	4175	Artesia		Tower
Juarez, Ray (Centurion)		Artesia	575-631-3408	Pipeline Specialist
Ballard, Winston	4119	C-100	575-361-8000	Well Analyst
Barton, Van	4111	C-100	575-706-7671	Operations Team Leader
Beard, Kelton	4121	C-100	575-390-1903	HES Specialist
Carlsbad OTL Fax Line	4126	C-100		Fax
Carlsbad Office 2nd Line Conf Rm	4152	C-100		Conference Room
Carlsbad Office Conference Rm	4150	C-100		Conference Room
Carlsbad Office Lobby	4105	C-100		Lobby
Carlsbad Office Main Fax Line	4125	C-100		Fax
Burkham, Tiffney	4116	C-100		Administrative Support
Hobbs, Tammy	4115	C-100	575-746-7441	Administrative Support
Jarrin, Marco	4134	C-100	575-706-8179	Automation Specialist
Kajiki, Elizabeth	4118	C-100		Administrative Support
Kerby, Rick	4120	C-100	575-390-8639	HES Specialist
Kilgore, Deborah	4117	C-100	575-200-7238	Administrative Support
Maldonado, Oscar	4131	C-100	806-789-8524	Measurement Tech
Odom, Warren - Carlsbad	4195	C-100	806-789-9271	IT Tech
OTL Conference Room	4151	C-100		Conference Room
Telecom/Server Room	4135	C-100		Server Romm
Webster, John	4132	C-100	575-706-9249	Electrical/Automation
Willson, Stan	4133	C-100	575-706-7471	Electrical/Automation
Brewer, Tim	4142	C-200	575-706-0757	Equipment Tech
Bryant, Jay	4140 or 4141	C-200	806-893-7192	W/O Comp. Specialist
Burnett, Johnny	4140 or 4141	C-200	432-664-9178	W/O Comp. Specialist
Campbell, BJ	4136 or 4139	C-200	575-706-0030	Production Tech
Canada, Don	4136 or 4139	C-200	575-513-2564	Production Tech
Cardenas, Rudy	4140 or 4141	C-200	806-638-4364	W/O Comp. Specialist
Carlsbad Office Bldg 200 Fax	4127	C-200		Fax
Catt, Lonnie	4140 or 4141	C-200	575-706-2988	W/O Comp. Specialist

Clifton, Reggie	4140 or 4141	C-200	806-215-0080	W/O Comp. Specialist
Cole, Kevin	4136 or 4139	C-200	575-706-4275	Production Tech
Engineers Office in Carlsbad	4145	C-200		Engineers
Bolend, Dale	4136 or 4139	C-200		Contract Production Tech
Fairweather, Suzanne	4136 or 4139	C-200	575-200-7248	Contract Production Tech
Foster, John	4136 or 4139	C-200	575-706-1768	Contract Production Tech
Frye, Russ	4143	C-200	575-390-1119	Equipment Tech
Garcia, Amalio	4140 or 4141	C-200	806-759-8447	W/O Comp. Specialist
Hernandez, Lonnie	4136 or 4139	C-200	575-513-2565	Production Tech
Hines, Tom	4136 or 4139	C-200	575-706-7673	Production Tech
Huckaby, Jerry	4136 or 4139	C-200	575-390-0920	Production Tech
Huff, Jim	4136 or 4139	C-200	575-706-9613	Contract Production Tech
Kinnibrough, Tracy	4136 or 4139	C-200	575-513-0777	Contract Production Tech
Marquez, Alex	4136 or 4139	C-200		Contract Production Tech
Montes, Raul "Junior"	4136 or 4139	C-200	575-605-3345	Contract Production Tech
Moya, Rick	4144	C-200	575-390-1096	Construction Specialist
Oden, Bryan	4140 or 4141	C-200	806-215-4497	W/O Comp. Specialist
OET Office in Carlsbad	4147	C-200		Trucking
Pfaff, Max	4136 or 4139	C-200	575-706-0639	Production Tech
Project Room in Carlsbad	4146	C-200		
Rangel, Jathan	4136 or 4139	C-200	575-746-7570	Contract Production Tech
Shearman, David	4136 or 4139	C-200	575-513-2566	Production Tech
Standard, Gary	4136 or 4139	C-200	575-706-1770	Contract Production Tech
Vowell, Mike	4140 or 4141	C-200	575-365-7682	W/O Comp. Specialist
Walker, Billy	4136 or 4139	C-200	575-626-2464	Contract Production Tech
Calmon Tower	4160	Calmon		Tower
Calmon Yard	4161	Calmon		Calmon Yard
Barnett, Jimmy	4101	IBGP	575-703-5625	Plant Operator
Berdoza, Javier	4196	IB Field	575-365-5040	Production Tech
Bowen, Pat	4186	IBGP	575-365-8411	Plant Tech
Buffington, Bobby	4197	IB Field	575-365-4040	Production Tech
Cain, Kyle	4101	IBGP	575-200-5356	Plant Operator
Campbell, Rodney	4101	IBGP	575-200-5521	Plant Operator
Control Room	4101	IBGP		Control Room
Dubeau, Stacy	4185	IBGP	575-302-9378	Administrative Support

ET/AT Office	4139	IBGP		Electrical/Automation
Guest Office	4188	IBGP		Guest
Hamilton, Brady	4197	IB Field	575-365-4531	Production Tech
Harrison, Jerry "Bubba"	4183	IB Field	575-365-5863	Construction Specialist
Johnson, Marty	4122	IBGP	575-499-5652	HES Specialist
Ivy, Jack	4184	IB Field	575-365-8442	Equipment Tech
Kirkes, Clint	4113	IBGP	575-365-5518	Plant Specialist
Malone, Wendell	4101	IBGP	575-365-7464	Plant Operator
Martinez, Ricco	4101	IBGP	575-725-0295	Plant Operator
Morgan, Steven "Sharky"	4138	IB Field	575-513-2320	Automation Tech
Norris, John	4198	IB Field	575-746-7709	Production Tech
Phone Attendant	4102	IB Field		Computer
Plant #1	4180	IBGP		Plant
Plant #2	4181	IBGP		Plant
Pulice, Christopher	4182	IBGP	575-365-5585	Electrical Tech
Rivera, Richard	4148	IB Field	575-200-5031	Equipment Tech
Rouse, David	4101	IBGP		Plant Operator
Salmon, Tito	4196	IB Field	575-365-4471	Production Tech
Spicer, Wesley	4101	Gas Plant	806-632-2459	Plant Operator
Tech Room	4193	IB Field		
Tech Room	4194	IB Field		
Treesh, Mark	4112	IBGP	575-200-8010	Plant Production Coord.
Velasquez, Dario	4187	IBGP	575-200-6495	Automation Specialist
Waldrip, Jacob	4188	IBGP	575-200-7454	Automation Specialist
Williams, Charlie	4198	IB Field	575-365-8441	Production Tech
Wilson Office	4170	IB		
Wilson Office	4171	IB		
Wilson Office - Fax Line	4178	IB		Fax
Bryan, Billy		Hobbs	575-706-7655	Production Tech
Hobbs Office	4166	Hobbs		
Hobbs Office	4167	Hobbs		
Odom, Warren - Hobbs	4195	Hobbs	806-789-9271	IT Tech
Rivas, Mickey	4136 or 4139	Hobbs	575-706-8362	Production Tech
Ross, Kevin	4136 or 4139	Hobbs	575-390-1147	Production Tech
Summers, Tony	4136 or 4139	Hobbs	575-706-5714	Production Tech

Anaya, Juan	4136 or 4139	IB Mountain	575-706-8181	Production Tech
Bock, Justin	4136 or 4139	IB Mountain	575-706-4502	Production Tech
Depue, Billy	4136 or 4139	IB Mountain	575-706-5992	Production Tech
Eastside Doghouse Main Line	4165	IB Mountain		IB Mountain
Franco, Inez	4136 or 4139	IB Mountain	575-706-4374	Production Tech
Klein, Tim	4136 or 4139	IB Mountain	575-200-9833	Production Tech
Nolen, Richard	4136 or 4139	IB Mountain	575-706-0064	Production Tech
Sanchez, Ben	4136 or 4139	IB Mountain	575-706-5768	Production Tech
Smith, Brady	4136 or 4139	IB Mountain	575-706-8995	Production Tech
Stephens, Mark	4136 or 4139	IB Mountain	575-706-8358	Production Tech
Westside Doghouse Tower	4162	IB Mountain		Tower
Westside Doghouse Fax Line	4168	IB Mountain		Fax
Westside Doghouse Main	4163	IB Mountain		IB Mountain
Westside Doghouse Second	4164	IB Mountain		IB Mountain
Westside Doghouse Third Line	4172	IB Mountain		IB Mountain
Wilson Office - PolyCom	4179	IB Mountain		IB Mountain
Longoria, Lay			575-631-1234	Roustabout Foreman
Rojas, Rudy			575-631-0263	Roustabout Foreman

## CORPORATE SECURITY

Hugo Moreno	Office	713-215-7157
	Home	281-778-8111
	Cell/pager	713-817-3322
	Fax	713-215-7538

**\*\*Must be notified to assist in providing site security for all major emergencies and spills or response for any bomb threats or terrorist activities.**

## CONTRACTOR SUPPORT

### ELECTRIC SERVICE COMPANIES

Wood Group – Artesia	575-746-4614
Schlumberger	432-557-4437
Deans Electric – Artesia	575-748-3400
Caveman Electric – Carlsbad Phone	575-885-4730
Cell Phone	575-706-2138
Dixie Electric – Hobbs	575-393-4466
TESSCO – Carlsbad Phone	575-236-6266
Cell Phone	575-389-2543

### WATER SERVICE AND VACUUM TRUCKS

Key Energy Trucking – Carlsbad	575-390-1838
Key Energy Trucking – Hobbs	575-397-4994
Nabors – Carlsbad	575-885-3372
Nabors – Hobbs	575-392-2577
I & W – Artesia	800-748-1972
Gandy's	575-396-4948

### ROUSTABOUT

RWI – Hobbs	575-393-5305
Lay's Roustabout	575-631-1234
Mesquite	575-887-4847

## DIRT WORK EQUIPMENT

RWI – Hobbs	575-393-5305
Lay's Roustabout	575-631-1234
Mesquite	575-887-4847

## WELDERS

RWI – Hobbs	575-393-5305
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## SAFETY EQUIPMENT

Total Safety – Hobbs	575-392-2973
American Safety – Hobbs	575-393-8830
Indian Fire & Safety – Hobbs	575-393-3093
Indian Fire & Safety – Artesia	575-746-4660
Safety Environmental Solutions, Inc. – Hobbs	575-397-0510

## PIPELINE AND OTHER COMPANIES

Marathon Oil	Pat Bowen	575-457-2621
Yates Petroleum	Junior Orquiz (David Ortega, Relief)	575-365-8556
Latigo	Hobbs Office	575-391-9291
Duke Energy	Carlsbad Office Dee Wanda Johnson	575-234-6400 575-706-2022 575-910-4725
Phillips Pipeline		800-766-8690
Enterprise (fka El Paso)	Cliff Compton Courtney	575-302-3030 575-706-2270
Navajo Refining	Gart Woods Kent Mirney Pipeline Trucking Dispatch	575-365-4537 575-365-4689 575-365-4537 575-746-4628 575-746-5274 800-748-3315
Agave	Jason Fuentes	575-365-8939
Frontier	Jerry Wright	575-361-0154
Shell	Dispatcher	800-657-7264

## APPENDIX A - INCIDENT CLASSIFICATION

### DEFINITIONS

Oxy Mid-Continent recognizes two levels of incidents (OOGC 60.400.110) that are defined below.

**Significant Incident** – Health, Environment and Safety (HES) incident associated with an Oxy operation that includes one or more of the following:

- 1) Employee/Contractor/Third Party occupational *fatality*;
- 2) Employee/Contractor/Third Party occupational injury or illness requiring *overnight hospitalization (other than for observation)*;
- 3) Any fatality, injury, or illness to a member of the *public*;
- 4) Incidents causing injuries to *multiple personnel (greater than first aid)* and involving Oxy equipment, facilities, operations, construction or transportation;
- 5) Loss or damage to Oxy, contractor or third party equipment or property valued at **\$100,000 or greater**;
- 6) Any incident whereby Oxy's portion of the cost of fines, penalties, settlements, remediation and/or emergency response is likely to be **greater than \$100,000**;
- 7) HES related issues giving rise to *significant adverse impact* (or the potential for such adverse impact) on Oxy's image or goodwill, or
- 8) Any HES related actions by a government agency, court of law, or third party that results in interference with production and is likely to produce an annual loss of earnings of **\$1,000,000 or more**.

**Important Incident** – an HES incident associated with an Oxy operation that includes one or more of the following:

- 1) A spill, release, discharge of a substance, or any event that is reportable to any governmental agency or exceeds the local regulations and/or performance standard. (*Each Oxy operation shall develop performance standards for reportable quantities of substances used in the operations that are at least as stringent as local laws/regulations*);
- 2) **Public/Government Action** – any written HES related action instituted against Oxy which includes: *citation, civil actions, complaints, notices of violation (NOV), consent orders, decrees, injunctions or claims that may result in significant liabilities or judicial proceedings*;

- 3) United States Government Agency inspections (for U.S. operations only) – any notice or contact by, or appearance of, an agent from the Occupation Safety and Health Administration (OSHA) or the Environmental Protection Agency (EPA) (*Federal or State*) for the intended purpose of conducting a site or facility inspection;
- 4) **Recordable Injury or Illness** – any injury or illness involving employees or contractors which would be recordable under criteria provided in the *Record Keeping Guidelines for Occupational Injuries & Illnesses, U.S. Department of Labor, Bureau of Labor Statistics, September 1986.*
- 5) Loss or damage to Oxy, contractor or third party equipment or property values at **less than \$100,000 but greater than \$25,000.**

**NEAR MISS / ACCIDENT PREVENTION OPPORTUNITY (APO)** – any undesired event which, under slightly different circumstances, could have resulted in a significant or important accident/incident.

## **NOTIFICATION AND REPORTING REQUIREMENTS**

### **SIGNIFICANT INCIDENT**

The following steps outline the notification expectations for incidents classified as significant incidents. The **Plant / Operations Production Coordinator** will ensure the appropriate notification has taken place.

*Immediate is defined as the earliest practical time once the incident has been brought under control or is being managed by someone other than the individual conducting the notification process. (Do not risk additional personal injury, increased public exposure or compound property damage by attempting to notify while still responding to a Major incident.)*

- 1) Immediate notification by fax or phone to the **Production Coordinator,**
- 2) Immediate notification by fax or phone to the **HES Specialist(s),**
- 3) Immediate notification by fax or phone to the **Mid-Continent SW HES Supervisor,**
- 4) Immediate notification by fax or phone to the **Mid-Continent HES Manager.**
- 5) An Exhibit A will be initiated and forwarded **within 24 hours** to the **Production Coordinator,** the **HES Specialist(s),** the **Mid-Continent SW HES Supervisor** and the **HES Database Coordinator.**

6) An investigation team will be appointed and initiated **within 24 hours** of the incident. Distribution of the resulting incident investigation report will be the same as the distribution of the Exhibit A. The HES Database Coordinator will enter the report into the database after reviewed by the HES Manager or his designee. If the Production Coordinator determines potential litigation is a factor, the PC should contact the HES Manager or his designee prior to appointing the investigation team.

*Note: It is the responsibility of the **HES Supervisor, the HES Manager, or his designee** to determine if regulatory notifications are required and to ensure they are completed concerning injury and illness reporting.*

### **IMPORTANT INCIDENT**

The following steps identify the notification requirements for Important Incidents. If there is a question as to whether an incident should be classified as Significant or Important, please follow the notification guidance provided for Significant Incidents. The following notifications should include some details about the incident including but not limited to Who, What, When, and the current situation or diagnosis. Electronic notification by email or fax is acceptable provided confirmation of receipt is achieved.

- 1) Notification within two hours to the **Production Coordinator**.
- 2) Notification within two hours to the **HES Specialist(s)**
- 3) Notification within two hours to the **Mid-Continent SW HES Supervisor**.
- 4) An Exhibit A will be initiated and forwarded **within 24 hours** to the **Production Coordinator**, the area **HES Specialist(s)**, the area **HES Supervisor** and the **HES Database Coordinator**.
- 5) An investigation team will be appointed and initiated **within 24 hours** of the incident. Distribution of the resulting incident investigation report will be the same as the distribution of the Exhibit A. The **HES Database Coordinator** will enter the report into the database after review by the **HES Manager** or his designee. If the Production Coordinator determines potential litigation is a factor, the PC should contact the HES Manager or his designee prior to appointing the investigation team.

### **NEAR MISS / ACCIDENT PREVENTION OPPORTUNITY (APO)**

Notification requirements will be achieved through the Accident Prevention Opportunity Program. The APO Form will be completed and forwarded to the local **Plant / Operations Production Coordinator, HES Specialist and HES Supervisor**. The HES Data Base System Coordinator will assist the HES Specialist with inputting the incident information into the electronic incident database.

## APPENDIX B - TYPES OF EMERGENCIES / RESPONSE ACTIONS

Emergency responses have been developed for each of the following situations. It should be understood that this list is not all-inclusive, but the overall plan will assist in addressing similar incidents:

### FIRES OR EXPLOSIONS

**Fire Fighting Philosophy** - It is the intent of Oxy Mid-Continent that employees will fight fires only in their "*incipient*" stage of fire fighting, utilizing hand held fire extinguishers. Fixed monitors will be used for cooling or protecting exposures if necessary. All Team Members will be given *annual* training in the use of equipment available for fire fighting and/or fire containment.

Any **Oxy Mid-Continent employee** who helps to coordinate fire department responses must be utilizing appropriate Personal Protective Equipment (PPE) as specified by either the **Production Coordinator, HES Specialist, or the Unified Command**.

The responding fire department will have primacy when they have received a call from an Oxy Mid-Continent representative requesting assistance in controlling a fire on any Oxy Mid-Continent property. Their actions, coordinated with the **Production Coordinator** or the **Unified Command**, will be to contain and extinguish the fire.

### EMERGENCY COMMUNICATIONS

A fire or explosion that cannot be immediately extinguished, or a potentially large fire hazard, should be communicated by mobile phone or radio.

**\*\* Radio priority is then given to individuals directly involved with the incident.**

### EMERGENCY RESPONSE ACTION

The **first** priority of each Oxy Mid-Continent employee and contractor in a major fire situation is to determine the location and condition of personnel.

If it is apparent that any personnel are missing or injured, a preliminary search and rescue should be initiated by the **Production Coordinator**.

However, employees who have not been specifically trained to do so, must **never** enter a hazardous area or "*hot zone*". These types of rescues or recoveries are the responsibility of the responding civil authorities and municipal support agencies.

## **NORMAL WORKING HOURS**

The individual who discovers a fire must make a decision whether to attempt to fight the fire or call for help. Immediately call for help, state the **location**, and state the **nature** of the fire.

The **Production Coordinator** will be responsible for assigning duties including calling the fire department, the appropriate employees, regulatory agencies, and authorizing entry to the area.

## **NIGHT SHIFTS, WEEKENDS, HOLIDAYS**

During these abnormal operating hours, there is a minimal amount of personnel on site. Therefore, implement the following procedures. As always, the primary consideration is given to the **safety of all individuals and care for the injured**.

After controlling an incipient stage fire, notify the **Plant / Operations Production Coordinator**.

If the fire is not manageable, the individual encountering the fire should call the fire department and request assistance. The individual then calls the **Plant / Operations Production Coordinator** or one of the Management Members listed on the **Emergency Telephone List**.

All personnel should evacuate the area and initiate an *emergency shut down*, if deemed necessary. Permission to re-enter the area is given only by the **Plant / Operations Production Coordinator**. If possible, employees should operate the valves necessary to shut in or divert gas to flare as they exit the facility but only if they can do so without incurring undue risks.

## **RESPONSIBILITIES**

### **Plant / Operations Production Coordinator:**

Responsible for equipment being in its proper location, ensuring the team conducts appropriate drills, and ensures maintenance of equipment is occurring as scheduled.

The **Plant / Operations Production Coordinator** is responsible for coordinating immediate control of the incident and determining that the conditions are back to normal.

## FIRE OR EXPLOSION CHECK LIST

- Team Member** discovering fire gives location and nature of fire.
- Activate the **Emergency Action Plan** if deemed necessary.
- All Team Members, visitors and contract personnel **evacuate** to the mustering area and be accounted for to receive assignments.
- Call hospital** and advise of the situation to enable them to activate their emergency action plans in readiness for any injuries that might be incurred.

## PERSONAL INJURY OR DEATH

After making a call for assistance, prompt medical treatment for the victim should be administered. This is the responsibility of all trained individuals. Treatment of injured persons is to be concentrated toward life-threatening conditions such as:

**Airway Obstructions, Breathing, Circulation and Spinal (A, B, C's)** injured persons.

**Do not move the victim** unless the injured is in a hazardous environment or situation that is an imminent danger to the victim or responders.

An ambulance shall be summoned for any injury that appears to be serious.

## SPILLS

### OIL AND PRODUCED WATER SPILLS

In the event of an oil or produced water spill, the individual should immediately notify the appropriate **Team Leader / Supervisor** in charge. This individual should assess the situation and safely stop the source of the spill, if possible.

“Safely” is defined as: an area identified as non-hazardous from a toxic or IDLH concentration. If unknown, all incident scenes must be treated as IDLH.

The **Team Leader / Supervisor** in charge should proceed to the spill site to direct control and containment activities. The **Team Leader / Supervisor** should assess the need for additional assistance and equipment. After assessing the spill site, the **Team Leader / Supervisor** should immediately contact the **Plant / Operations Production Coordinator** and **HES Specialist**.

### CHEMICAL SPILLS

In the event of a chemical spill, the **individual discovering the spill** should contact the appropriate **Team Leader / Supervisor**.

The individual discovering the release should not attempt any identification, control, or containment without the proper personal protective equipment (PPE).

Upon proper identification of the chemical, the **Team Leader / Supervisor** should contact the local **HES Specialist**, consult the *Material Safety Data Sheet (MSDS)* and / or *DOT Emergency Response Guidebook* for hazardous chemical characteristics and proper handling procedures. After proper handling procedures have been identified, control and containment shall begin.

If the incident is to be regulated by HAZWOPER guidelines, then all site activities must be directed by the **Production Coordinator / HES Specialist**.

If HAZWOPER does not apply, the **Team Leader / Supervisor** in charge should proceed to the spill site and direct control and containment activities. The **Team Leader** should determine the need for additional assistance and equipment. Upon assessment, the **Team Leader** should immediately contact the **HES Specialist**.

CHEMTREC (800-424-9300) may be contacted with any questions and / or direction concerning appropriate responses or chemical hazards.

### SPILL RESPONSE CHECKLIST

- Notify** appropriate **Team Leader / Supervisor** in charge
- Stop** source of spill, if deemed safe and qualified to do so. (Level III Hazwoper or above required)
- Team Leader / Supervisor** directs **control and containment**.
- Team Leader** contacts **Flood Technician / HES Specialist**.
- Refer to **MSDS** and / or **DOT Emergency Response Guidebook** for proper handling procedures.
- Refer to written **Oxy Procedures** for Acid & Caustic Spills.

## BOMB THREAT

In the event of a bomb threat, the individual receiving the call, on or off site, should try to get as much information as possible from the caller.

The individual receiving the call should immediately contact the **Team Leader / Supervisor** in charge who will then notify **Corporate Security** at **(281) 366-2594**.

**Evacuation** of the plant / location should be considered at this time.

*Road-blocks* may need to be set up at the *plant entrances* and *road intersections* as deemed necessary.

The **Production Coordinator** in charge should make all appropriate contacts.

The **Production Coordinator** should:

- Realize that every bomb threat is serious.
- Notify **Corporate Security** and follow the directions given.
- Inform Police / Sheriff's Department.
- Inform Fire Department.
- Contact the **Houston Hotline** for technical assistance and communication support.
- Organize search efforts with the assistance of the local law enforcement agencies.
- If a bomb is actually located or a bombing does occur the **Alcohol, Tobacco & Firearms Commission** shall be notified. They are qualified to respond to an emergency of this nature.

The **Production Coordinator** shall notify **Public Affairs** and the area **Operation Vice-President**.

The **Production Coordinator** will work with the media and initiate documentation efforts.

## BOMB THREAT CHECKLIST

Date: \_\_\_\_\_

Name of Company: \_\_\_\_\_

Name & Position of Person taking call: \_\_\_\_\_

Telephone Number call came in on: \_\_\_\_\_

### FILL OUT COMPLETELY IMMEDIATELY AFTER BOMB THREAT

When is the bomb set to explode?	
Where is the bomb located?	
What does the bomb look like?	
What type of bomb is it?	
What will cause the bomb to explode?	
Did the caller place the bomb?	
Why did the caller place the bomb?	
What is the caller's name and address?	
Caller's Sex      Age      Race	
Length of the call?	

### DESCRIPTION OF CALLER'S VOICE (Check all that apply)

- |                                  |                                   |   |                                    |
|----------------------------------|-----------------------------------|---|------------------------------------|
| <input type="checkbox"/> Calm    | <input type="checkbox"/> Laughing | <input type="checkbox"/> Lisp           | <input type="checkbox"/> Disguised |
| <input type="checkbox"/> Angry   | <input type="checkbox"/> Crying   | <input type="checkbox"/> Raspy          | <input type="checkbox"/> Accent    |
| <input type="checkbox"/> Excited | <input type="checkbox"/> Normal   | <input type="checkbox"/> Deep           | <input type="checkbox"/> Deep      |
| <input type="checkbox"/> Slow    | <input type="checkbox"/> Distinct | <input type="checkbox"/> Ragged         | <input type="checkbox"/> Loud      |
| <input type="checkbox"/> Slurred | <input type="checkbox"/> Clearing | <input type="checkbox"/> Rapid          | <input type="checkbox"/> Nasal     |
| <input type="checkbox"/> Throat  | <input type="checkbox"/> Stutter  | <input type="checkbox"/> Deep Breathing | <input type="checkbox"/> Familiar  |

If voice is familiar, whom did it sound like? \_\_\_\_\_

### BACKGROUND SOUNDS:

- |                   |                  |                    |               |
|-------------------|------------------|--------------------|---------------|
| ___ Street Noises | ___ House Noises | ___ Factory Noises | ___ Machinery |
| ___ Crockery      | ___ Motor        | ___ Animal Noises  | ___ Voices    |
| ___ Office        | ___ PA System    | ___ Music          | ___ Static    |

Other Noises \_\_\_\_\_

**THREAT LANGUAGE:**

Well-Spoken     Foul Language     Incoherent     Irrational  
 Taped             Message Read by Threat Maker

**COMMENTS & REMARKS (in detailed description):**

[The following area contains a large, faint watermark that reads "CONFIDENTIAL" across the lined text area.]

# HAZARDOUS GAS (H<sub>2</sub>S) RELEASE CONTINGENCY PLAN

## Section I. Purpose

The purpose of this plan is to provide for the logical, efficient and safe Emergency Response action to be taken by the Occidental Mid-Continent Southwest Team, New Mexico.

The protection of the general public and workers, in the event of an accidental release of potentially hazardous quantity of **Hydrogen Sulfide Gas (H<sub>2</sub>S)** from its operations, is of the **highest** priority.

A reaction-type contingency plan is a pre-planned, written procedure for alerting and protecting the public, within an area of exposure, where it is impossible or impractical to brief in advance all of the public that might possibly be within the **Radius of Exposure (ROE)** at the moment of an accidental release of a potentially hazardous volume of Hydrogen Sulfide (H<sub>2</sub>S). It is intended that the Senior Emergency Response official (e.g. **Oxy Team Leader** or his designee) will become the individual in charge of the *Site Specific Incident Command System (ICS)*.

All emergency responders and their communication will be coordinated through the individual in charge of the ICS.

### A. Scope of Plan Coverage

The Southwest – New Mexico team is responsible for the operation of Oxy Mid-Continent oil and gas leases and Indian Basin Gas Plant located in Eddy, Lea, Chavez, and Roosevelt Counties in New Mexico.

A small portion of the facilities / wells operated by the Southwest – NM team are located within or near the proper city limits of Carlsbad, New Mexico.

Sources of potentially hazardous volumes of H<sub>2</sub>S gas in the Southwest – NM operations include:

- Oil and gas producing wells and associated flow lines
- Indian Basin Gas Plant activities
- Fluid gathering and handling facilities (satellites and batteries)
- Gas gathering systems (pipelines)
- Water Disposal systems

Leaks from these sources could create an H<sub>2</sub>S exposure area (ROE). Whether such Radius' of Exposure would be hazardous would depend upon their location and size. The calculations of the exposure potential, leak size is assumed to be the maximum possible from the particular system. This is generally and intentionally a conservative calculation because the vast majority of leaks will occur as a small fraction of the system. These calculations are based on the escape rates as allowed by New Mexico Hydrogen Sulfide (H<sub>2</sub>S) standard for existing and new operations. The H<sub>2</sub>S concentrations were determined using applicable American Society for Testing and Materials (ASTM) or Gas Processors Association (GPA) standards or another method approved by the NMOCD. Radius' of Exposure (ROE) were calculated using the Pasquill-Gifford derived equation as defined by the standard.

The calculated ROEs for the OXY facilities and wells are located in Section IV of this plan.

### **B. Southwest - NM Key Contact Information**

Physical Address: 1502 W. Commerce Drive,  
Carlsbad, NM 88220

Office Telephone Number: 575-628-4116

Office Fax Number: 575-628-4125

24 Hour Answering Service: 575-393-3021

Mailing Address: 1502 W. Commerce Drive,  
Carlsbad, NM 88220

Plan Development and Maintenance: Rick Kerby: 575-390-8639  
Kelton Beard: 575-390-1903  
Marty Johnson: 575-499-5652

Production Coordinators (PC): Jerry Harrison: 575-365-5863  
Van Barton: 575-706-7671  
Mark Treesh: 575-200-8010

### **C. Coordination with State Emergency Plans**

Under certain conditions, as provided for in the New Mexico Hazardous Materials Emergency Response Plan (HMERP), the New Mexico State Police responding to the emergency may elect to assume the position of **Incident Commander** or they may establish a Unified Command of which the OXY Production Coordinator may be a key member. Under the Unified Command scenario, the **OXY Production Coordinator** shall cooperate with other involved emergency responders, such as the New Mexico State Police, local Fire Department, City Police, Sheriff's Office, NMOCD or other appropriate

public emergency response agencies to manage the effective and safe response to the emergency situation.

The **Incident Commander's** responsibility is to ensure control of the Emergency Incident. The Southwest – NM **Production Coordinator** will notify or delegate notifications of all OXY Mid-Continent or Contract personnel as well as civil authorities needed for response to the situation.

The **OXY Production Coordinator** will assign additional OXY personnel to support roles as needed.

Upon notification or discovery of a potential emergency situation, the following steps should be taken by the **OXY Production Coordinator** or relief

1. Assume the role of **Incident Commander** and attempt to gather as much information as possible as to the scope and severity of the situation.
2. Alert other emergency response personnel of the situation.
3. Arrange for back up personnel to be dispatched to the scene.
4. Proceed to the site to further assess the emergency response measures.
5. Establish an on-site mobile command station.
6. *Implement* the Emergency Action Plan as necessary.
7. Remain on site as **Incident Commander** until relieved or the emergency is over.

*See additional roles and responsibilities of the Incident Commander in Section III, Roles and Responsibilities of Emergency Response Personnel.*

## **Section II: Emergency Procedures**

### **Operations**

The plant is currently processing approximately 50 MMSCF/D. Residue gas is sold on a spot market basis. Approximately 3000 BPD of natural gas liquids (NGL) and 100 BPD of condensate are recovered.

Gas from the field currently passes through inlet separators, and then into a treating unit to remove hydrogen sulfide and carbon dioxide. Gas from this amine unit (A-1) flows to a glycol contactor to remove moisture, molecular sieve beds to remove remaining moisture, a dust filter and then on to one cryogenic unit for NGL extraction. A Demethanizer tower

adjacent to the cryo skid provides final separation of the methane sales gas and NGL product.

Overhead sales gas from the Demethanizer passes through heat exchangers, the expander booster compressors and is compressed further by one of four turbine compressors. Final pipeline pressure is achieved by the turbine-driven outlet compressor.

NGL's from the Demethanizer flow to the respective product surge tanks at 280 to 360 psig. From there the NGL product is pumped by booster pumps and a second set of pumps to a Chevron operated product pipeline. Occasionally, when NGL product cannot be shipped it is stored in three storage tanks located just outside of the south fence.

Condensate is received directly from the field and is recovered from two inlet separators. Water is removed from the condensate by settling in the inlet tank. The condensate is then processed through a stabilizer and sent to the condensate storage system. In the condensate storage system, there is one gunbarrel tank in place to separate residual water still in the condensate. From the gunbarrel the condensate is then stored in two condensate storage tanks each with a capacity of 1000 bbl and the water is then sent to a 500 bbl water tank. Condensate is shipped by truck from the rack located east of the plant approximately 100 feet from the fence. Truck shipments are usually two or three trucks per day. There are days when no truck shipments are made.

### **Emergency Alarm System**

The gas plant emergency alarm system has two encoders for activating the various system capabilities. These encoders are located in the gas plant main office and in the control room. The alarm system has several different tones that can be used, however, the WAIL tone is currently used for emergency evacuation purposes. The system also has the capability for delivering pre-programmed voice messages to warn of "high H<sub>2</sub>S", "fire", "high pressure line rupture", "tornado warning", and "plant evacuation". A public address (PA) system is also built into the system so that customized messages can be voiced over the speaker tower. The system utilizes one speaker tower located in the center of the plant.

Eleven (11) H<sub>2</sub>S/LEL Zones have been established with numerous H<sub>2</sub>S and LEL monitors in pertinent locations. If a hazardous atmosphere is present within these zones, lights flash and sirens sound with a steady high pitch. Alarms are annunciated on the DCS to alert operations of the hazardous condition.

**The IBGP radio must be set to CHANNEL F.1 in the gas plant office for the emergency alarm system to be functional.**

The emergency evacuation alarm should be tested monthly at a minimum. This test should be documented and kept on file for future reference. Tests are performed at the start of each monthly safety meeting.

## Plant Communications

Aside from the PA function of the emergency alarm system, the gas plant has a telephone system with multiple lines. Phones are located throughout the gas plant offices and in the control room. Several hand-held radios are maintained and utilized by gas plant personnel. Many plant employees are also provided cellular telephones.

There is a telephone located in a locked fiberglass box near monitoring well #58, located approximately ½ mile east of the plant on the north side of county road 401 (Marathon Road). The combination to the lock is 2621, the last four digits of the main phone number to the offices.

## Emergency Shutdown System

The gas plant is equipped with an emergency shutdown (ESD) system and a blow-down system. The Indian Basin Gas Plant Emergency Shut Down (ESD) and Blowdown (BD) system was installed for the purpose of shutting down, isolating, and depressuring the gas plant equipment in the event of an emergency. Some of the valves used by the system are control valves normally in process service, and some serve only an ESD or BD function. In the event of an emergency, appropriate personnel will determine the need for ESD and blow-down system actuation. Six (6) actuation stations are located throughout the gas plant. These locations are:

### ESD Stations

- |   |                              |   |                       |
|---|------------------------------|---|-----------------------|
| 1 | Southeast plant fence exit   | 4 | West plant fence exit |
| 2 | East plant fence exit        | 5 | Near South amine pump |
| 3 | Front plant gate (Northeast) | 6 | Control room          |

## Hydrogen Sulfide Detection

Fixed hydrogen sulfide (H<sub>2</sub>S) detection equipment is located at the Sulfur Recovery Unit (SRU), the Acid Gas Compressor and throughout the Amine Systems. Upon detection of hydrogen sulfide, a beacon light and audible alarm will actuate in the area where H<sub>2</sub>S is detected. Personnel shall immediately evacuate the area. The alarm is also annunciated in the control room. Personal hydrogen sulfide monitors shall be worn at all times when in the gas plant.

## Manning

The plant is attended 24 hours per day, 365 days per year. A minimum of two operators are on duty in the plant at all times.

## A. Discovery and Implementation of Immediate Action Plan

Upon discovering or recognizing a potentially hazardous **H2S release** OXY employees should immediately implement the following immediate action plan:

- a. **Alert and account for facility personnel**
  1. Move away from the source and get away from the affected area
  2. Don appropriate personal protective equipment
  3. Alert other affected personnel
  4. Assist personnel in distress
  5. Proceed to the designated emergency assembly area / Muster Area
  6. Account for on-site personnel by reference to Control Room sign in log

The **primary muster area** is located across the road from the main office, near the Wilson Warehouse. If this primary location is deemed unsafe for assembly due to the close proximity of the incident site, wind direction, or other reason; an alternative (**secondary**) muster area has been designated southeast of the plant near the scrap metal storage area (beyond the horizontal storage bullet tanks). If this area is also deemed unsafe for any reason, another muster area will be announced over the PA speaker.

- b. Take immediate measures to control the presence of or potential H2S discharge and to eliminate possible ignition sources.

**Emergency Shutdown Procedures** should be initiated as deemed necessary to correct or control the specific situation.

When the required action cannot be accomplished in time to prevent exposing operating personnel or the public to hazardous concentration of H2S proceed to the following steps, as appropriate for the site specific conditions.

- Alert the public (directly or through appropriate government agencies) that may be subjected to an atmosphere exceeding **100 ppm of H2S**.
- Block access points to the area (intersections, etc..) at a determined radius of the incident.
- Initiate evacuation operations
- Contact the first available **designated supervisor** on the call list. Notify the supervisor of the circumstances and whether or not immediate assistance is needed. The **supervisor** should notify (or arrange for notification of) other **supervisors** and other appropriate personnel (including public officials) **on the call list**.
- Make recommendations to public officials regarding *blocking unauthorized access* to the unsafe area and assist as appropriate.

- Make recommendations to public officials regarding the *evacuation of the public* and assist as appropriate.
- **Notify**, as required, state and local officials and the National Response Center to comply with release reporting requirements.
- **Monitor** the ambient air in the area of exposure (after following abatement measures) to determine when it is safe for re-entry.

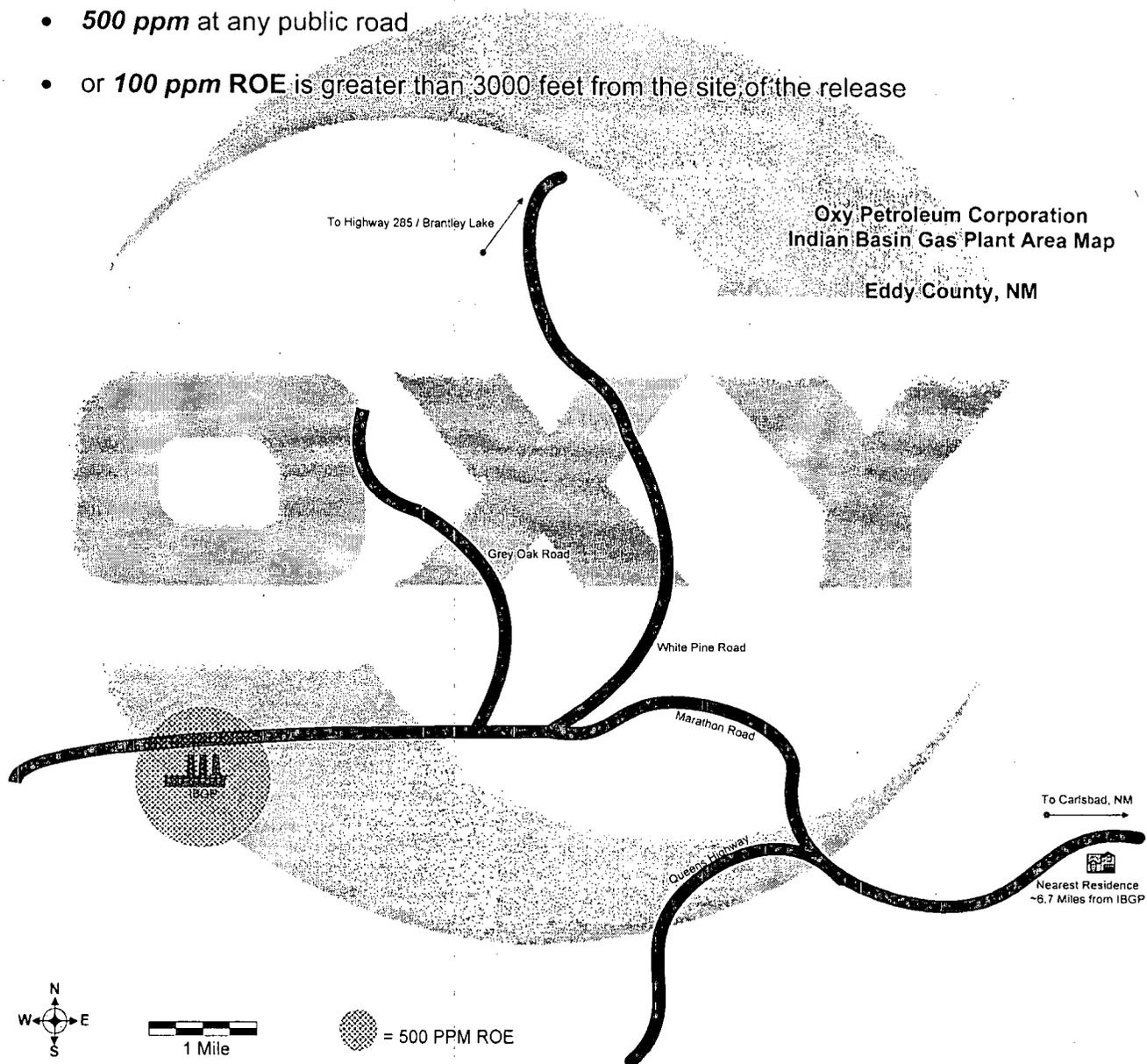
**B. Initial Response**

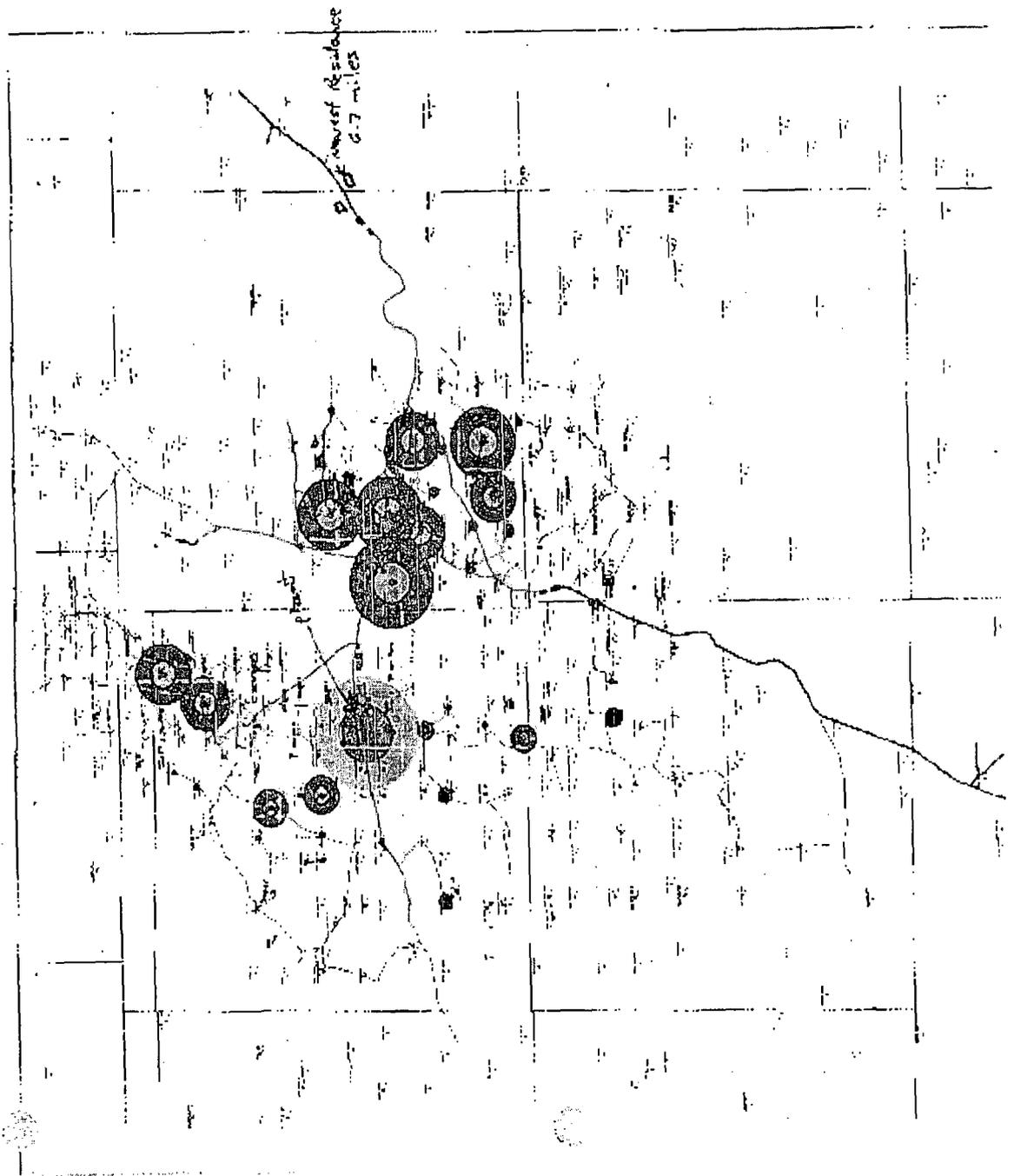
1. The OXY Mid-Continent employee (**first responder**) responding to or receiving notification of an emergency situation shall immediately proceed to the location and attempt to assess the situation and then notify the **Production Coordinator** or his relief.
  - a. Provide the **Production Coordinator** with as much data possible concerning the *location, the extent of emergency and need for additional assistance.*
  - b. **Warn others** in the area of situation, **evacuate** if necessary.
  - c. Remain at site at a safe distance, and available for communication. Wait for assistance to arrive before attempting to enter into any potentially hazardous area.
  - d. Initiate rescue and first aid as situation dictates.
2. Upon notification of an emergency the **Production Coordinator** (or relief) shall:
  - a. Notify other key team personnel and alert them to situation.
  - b. The **Production Coordinator** shall then proceed to the site to assess the situation.
  - c. The **Production Coordinator** shall determine if the Emergency Response Plan is to be initiated.
  - d. In the absence of the **Production Coordinator** (or relief) the OXY employee at the site shall determine whether or not to activate the Reaction-type Emergency Response Plan and shall remain at the scene until relieved by another OXY employee or the Civil Authorities.

**C. Activation Of Hydrogen Sulfide Contingency Plan**

The **Hydrogen Sulfide (H<sub>2</sub>S) Contingency Plan** shall be activated when the release creates a concentration of hydrogen sulfide of greater than:

- **100 ppm** in any public area,
- **500 ppm** at any public road
- or **100 ppm ROE** is greater than 3000 feet from the site of the release





The Southwest - NM **Production Coordinator** or designated relief will serve as the **Incident Commander**.

It is the responsibility of the Incident Commander to ensure control of the Emergency Response Management System and if necessary to coordinate these efforts with any state or local emergency plans.

#### **D. Evacuation of Public Areas**

When the situation requires the evacuation of the public from areas which contain or could contain potentially hazardous volumes of H<sub>2</sub>S, the information regarding the calculated Radius Of Exposures (ROE) contained in Section IV shall be utilized.

This information will assist in determining the areas of concern to a specific release site. Since a portion of the Southwest – NM Operations is located within the city limits of Carlsbad, New Mexico, it is impossible or impractical to include a listing of all the locations of potentially affected public areas and public roads into this plan.

Therefore, this Contingency Plan is the best means for allowing for the timely notification of the persons located in the potentially affected public areas or roads.

ROEs have been calculated for Plants, well sites, tank batteries, satellite facilities, and production and gas gathering and injection distribution systems and are maintained and reviewed periodically to ensure accuracy.

Information contained in this plan will be readily available, and determine the Radius of Exposures, for the assistance of emergency responders such as the fire department, local law enforcement and other public agencies and authorities, to be available for response in a timely and effective manner consistent with the requirements of the New Mexico H<sub>2</sub>S standard.

## E. Training and Drills

The value of training and drills in emergency response procedures can not be over emphasized.

All OXY personnel identified in this plan shall be trained on the Emergency Response Plan and procedures **annually**.

The importance of each role of the emergency responders and the effects that each person has during an emergency will be stressed. In addition, the needs for Emergency Preparedness will be emphasized through the use of drills and other exercises that simulate an emergency in which personnel perform or demonstrate their duties. These exercises will consist of table-top or classroom discussions, or can be a realistic drill in which equipment is deployed, communications equipment tested and "victims" evacuated to the hospital with simulated injuries. Public officials will be informed and preferably involved in these exercises.

Review and critiques of the drills or exercises will be conducted after completed to identify any potential improvement opportunities for the plan.

The plan will be periodically reviewed and updated anytime its provisions or coverage change.

Documentation of the training, drills and reviews will be on file in the team files.

## F. Physical Properties and Physiological Effects of Hydrogen Sulfide

### Physical Data

Chemical Name: Hydrogen Sulfide  
CAS Number: 7783-06-4  
Synonyms: Sulfureted hydrogen, hydrosulfuric acid, dihydrogen sulfide  
Chemical Family: Inorganic sulfide  
Chemical Formula: H<sub>2</sub>S

Normal Physical State: Colorless Gas, slightly heavier than air. Vapor Density (specific gravity) at 59°F (15° C) and 1 atmosphere = 1.189

Auto ignition Temperature: 500°F (260° C)

Boiling Point: -76.4°F (-60.2° C)

Melting Point: -117°F (-82.9° C)

Flammable Limits: 4.3 – 46 percent vapor by volume in air.

Solubility: Soluble in water and oil; solubility decreases as the fluid temperature increases.

Combustibility: Burns with a blue flame to produce Sulfur Dioxide (SO<sub>2</sub>)  
Odor and Warning Properties: Hydrogen Sulfide has an extremely unpleasant odor, characteristic of rotten eggs, and is easily detected at low concentrations, however, due to rapid onset of olfactory fatigue and paralysis (inability to smell) **ODOR SHALL NOT BE USED AS A WARNING MEASURE**

### Exposure Limits

The American Conference of Governmental Industrial Hygienists (ACGIH) recommends a Threshold Limit Value (TLV) of 10 ppm (8-hour TWA) and a short term exposure limit (STEL) of 15 ppm averaged over 15 minutes. (Action Level) Exposure at the STEL should not be repeated more than 4 times a day with at least 60 minutes between successive exposures in this range.

### Physiological Effects

Inhalation at certain concentrations can lead to injury or death. The 300 ppm is considered by the ACGI as Immediately Dangerous to Life and Health (IDLH) Hydrogen Sulfide is an extremely toxic, flammable gas that may be encountered in the production of gas well gas, high-sulfur content crude oil, crude oil fractions, associated gas, and waters. Since hydrogen sulfide is heavier than air, it can collect in low places. It is colorless and has a foul, rotten egg odor. In low concentrations, H<sub>2</sub>S can be detected by its characteristic odor; however smell cannot be relied on to forewarn of dangerous concentrations because exposure to high concentrations (greater than 100 ppm) of the gas rapidly paralyzes the sense of smell due to paralysis of the olfactory nerve. A longer exposure to lower concentrations has a similar desensitizing effect on the sense of smell. It should be well understood that the sense of smell will be rendered ineffective by hydrogen sulfide, which can result in the individual failing to recognize the presence of dangerously high concentrations. Exposure to hydrogen sulfide

causes death by poisoning the respiratory system at the cellular level. Symptoms from repeated exposure to low concentrations usually disappear after not being exposed for a period of time. Repeated exposure to low concentrations that do not produce effects initially may eventually lead to irritation if the exposures are frequent.

### **Respiratory Protection**

Respiratory protection shall be worn above the action level.

## **G. Physical Properties and Physiological Effects of Sulfur Dioxide**

### **Physical Data**

Chemical Name: Sulfur Dioxide

CAS Number: 7446-09-05

Synonyms: Sulfurous acid anhydride, sulfurous oxide, sulfur oxide

Chemical Family: Inorganic

Chemical Formula: SO<sub>2</sub>

Normal Physical State: Colorless Gas, slightly heavier than air.

Boiling Point: 148°F

Flammable Limits: Non-flammable (produced by burning hydrogen sulfide)

Solubility: Soluble in water and oil; solubility decreases as the fluid temperature increases

Odor and Warning Properties: Sulfur Dioxide has a pungent odor associated with burning sulfur. It produces a suffocating effect and produces sulfurous acid on membranes of the nose and throat.

### **Exposure Limits**

The American Conference of Governmental Industrial Hygienist recommends 2 ppm as an 8-hour TWA, Threshold Limit Value and the 5 ppm as a STEL, averaged over 15 minutes for sulfur dioxide.

### **Physiological Effects**

Acute Toxicity: Inhalation at certain concentrations can lead to injury or death. 100 ppm is considered by the ACGIH as Immediately Dangerous to Life and Health.

### **Respiratory Protection**

Respiratory protection shall be worn above the action level.

## H. “Non-OXY” Emergencies

It is possible that an OXY employee could discover a potentially hazardous leak from a pipeline or other facility not operated by OXY

Leaks could be reported to OXY personnel but upon investigation, turn out to be from someone else's facility. In such instances, the OXY employee(s) involved should lend assistance without unduly endangering themselves. Generally, such assistance would include the following actions:

1. Immediately notify OXY supervisors or HES personnel of involvement in “Non-OXY” emergency.
2. Alert and/or assist any person apparently in immediate danger.
3. Notify the appropriate Public Safety personnel of the location and nature of the emergency and assistance needed, if any.
4. Notify the Operator of the facility if the identity can be determined, see list of outside operators and pipeline in Section V of this plan.
4. Continue to lend assistance, such as manning road barricades, until relieved by employees of the Operator or Public Safety Personnel.

### **Section III. Roles and Responsibilities of Emergency Response Personnel**

Following is a description of key personnel responsibilities for incident response.

- a. **Production Coordinator:** Team Leader or designated relief will serve as the **Incident Commander**. Under certain conditions, the New Mexico State Police responding to the emergency may elect to assume the position of Incident Commander or they may establish a Unified Command of which the OXY Team Leader may be a key member.  
The **Production Coordinator** responsibility is to ensure control of the emergency incident. Team Leader will notify or delegate notifications of all OXY Mid-Continent or contract personnel as well as the civil authorities needed for response to the situation. Team Leader will assign additional OXY personnel to support roles as needed.
- b. **Production Coordinator:** The initial priority for the Production Coordinator is to assess the size and scope of the incident scene. Such factors as the immediate level of danger to employees, contractors, and the general public should be high on the list of considerations. The following is an abbreviated list concerning the responsibilities and recommended sequence for the Production Coordinator to achieve his/her responsibilities.

1. Assess the size and scope of the incident scene.
2. Establish preliminary "hot and safe zones" based on the information available.
3. Set up a mobile command post at the scene of the incident.
4. Initiate any "municipal emergency response" requests as deemed appropriate.
5. Manage all aspects of the incident as OXY's PC or as a key player in a Unified Command when Governmental authorities assume command of the incident.
6. Communicate routinely with the OXY Crisis Team's Operations Manager in Houston.
7. PC is responsible for assigning support roles as listed below.

**Note:** Production Coordinator, or relief, remains on site until the emergency is over. The Production Coordinator ensures repairs have been completed and ensures the operation has returned to normal, before releasing emergency team members.

**c. Production Coordinator Assistant:** The Production Coordinator Assistant plays an integral role in interfacing with the various State and Local emergency responders in coordinating all response activities. This allows the PC to focus on the incident and its big picture decisions.

1. Facilitate onsite responder personnel briefings and status updates.
2. Arrange for humanitarian assistance with the OXY Human Resources Manager if required by the scope of the incident with coordination from the Production Coordinator.
3. If requested, assist the local municipalities in a "search and rescue" operation categorized as a specialized employee under the OSHA HAZWOPER guidelines.
4. Perform all other response functions as requested by the Production Coordinator.

**d. Technical Specialist:** Technical Specialists, those individuals possessing critical skills, experience and knowledge in specific areas of OXY's or industry operations may be enlisted to assist in providing operational solutions for controlling releases in their areas of expertise. The Technical Specialist will function through the OMCS. Examples of a technical specialist include:

- Downhole Specialist
- Critical Well Control Specialist
- Drilling Specialist
- Construction Specialist
- Electrician
- Maintenance Specialist

e. **Facility Engineers:** Facility Engineers, if available, will function through the OMCSC and assist in providing operational solutions to controlling the size and scope of an incident. The ability to identify process-related equipment for isolation and routing for field sources often proves to be one of the biggest challenges during a crisis situation. The following tasks should receive the initial priority for responding Facility Engineers and operations personnel:

1. Identify source location and isolation equipment if available.
2. Provide detailed isolation instructions for responding personnel. Keep in mind the responders may or may not be OXY employees and may or may not have a good understanding of E&P operations.
3. Be prepared to provide the operational technical portion of update sessions with the onsite field response groups.
4. Begin the operational aspect of a facility recovery plan to first address operational needs to return to "normal" operating mode and second to complete long term considerations for site mitigation.

f. **HES Specialist:** The HES Specialist plays an integral part in assisting the Production Coordinator in managing the onsite issues surrounding an incident. Focused internally on the incident, the HES Specialist is constantly evaluating the safety and health issues involved with the incident and monitors pieces of the response process to allow the Production Coordinator to address "bigger picture" issues. The following is an abbreviated list of the responsibilities and recommended sequence for the HES Specialist to achieve his/her responsibilities:

1. Confirm the Production Coordinator's preliminary "hot and safe zones" are still applicable or adjust accordingly for such activities as staging areas, media crew locations, decontamination operations, etc.
2. Address Safety, Health, Environmental, and Regulatory issues including notifications.

3. If required, coordinate the development of a Site Safety and Health Plan or request this service from the OXY Crisis Team in Houston.
4. If required, develop an "incident mitigation or recovery plan" or request this service from the OXY Crisis Team in Houston.

**Note: The HES Specialist must stay abreast of the incident status and situation in order to provide relief as an alternate PC if the situation dictates a change needs to be made.**

**g. Logistics Section Chief:** The Logistics Section Chief (LSC) is responsible for assisting the Production Coordinator by arranging all aspects of field logistical support. The LSC must accommodate not only OXY responders but also municipal or other industrial responders as requested by the Production Coordinator or OMCCS. Because there may be limited logistical support capabilities at the location, it is recommended the LSC rely heavily on the OXY Crisis Team Logistical Manager in Houston. The Logistical Manager's staff has multiple contracts and processes already in place to assist in such issues as food, lodging, vehicles, aircraft, etc. The following is an abbreviated list and recommended sequence to ensure the LSC is able to achieve his/her responsibilities.

1. Initiate both victim and emergency responder "personnel accountability systems" upon arrival to the incident scene.
2. Establish and maintain a communication tool between the Production Coordinator and the OXY Crisis Team Operations Manager in Houston.
3. Assist in media interactions and establish the "OXY Point of Contact" for media inquiries.
4. Initiate and maintain an incident documentation system to ensure all activities are captured and a summary report will be available.
5. Begin supplying logistical support to the incident scene, staging operations, and local areas as soon as practical.
6. Coordinate site security capabilities with the Production Coordinator, OMCCS, HES Specialist, and responding municipalities.

**h. Media Contact:** The Designated Media Contact is assigned to the Logistics Section and will function through the LSC. The Media Contact will work very closely with the PC, OMCCS, and the Oxy Public Affairs Representative located in Houston. Initial Priorities for the Media Contact will include the following:

1. Establish themselves as the onsite Media Contact for all media inquiries.
2. Work with the Public Affairs to establish and distribute an initial press release as soon as feasible and with an announced time of when additional updates would be available.
3. Either assist the Production Coordinator or personally conduct all initial media interviews until relieved by a member of the External Affairs group.
4. Assist in all other functions of the Logistics Section as requested by the LSC or PC.

- i. **Other Employees:** All other personnel should stand by and wait for instructions from the Production Coordinator.

Once accounted for, Southwest - NM employees may be called upon by the LSC to provide logistical support in many different directions.

These may include contacting vendors for supplies, contacting local company support groups for assistance to the general public, providing onsite logistical support to the responders "staging area" where others wait to assist in the actual response efforts, escorting vendors to remote locations as a guide, blocking roads, assisting with evacuations, etc.

**It should be understood however, no employee or contractor of the Southwest - NM area will be asked to provide incident scene support that they are not comfortable with in their ability to perform or have not been specifically trained to do.**

- j. **Answering Service:** Southwest - NM utilizes the services of Caprock Answering Service of Hobbs, N.M., and Artesia Answering Service of Artesia, N.M.

Upon notification of a possible emergency on Occidental Mid-Continent property, the answering service operator should ensure that he/she has all of the following information and proceed to call the OXY Technician on call and provide:

1. Name, phone number, and/or address of the person reporting emergency.
2. Location of emergency.
3. Concise statement of what is happening.
4. What type of emergency services are needed on location.

## HAZARDOUS GAS DISCHARGE CHECKLIST

- Production Coordinator** to determine if leak could become a hazard to the public.
- If leak is not a hazard, take appropriate action to eliminate the leak.
- If leak is determined to be a hazard, and cannot be immediately eliminated:
  - Notify appropriate Team Members, HES, Oxy-Mid-Continent management and regulatory agencies
  - Proceed to area with all necessary personal protective equipment and monitors.
  - Barricade roads as determined necessary.
  - Call civil authorities for assistance.
  - Alert anyone within the contaminated zone of the potential hazard.
  - Notify hospital to alert staff for possible injuries and allow them the opportunity to initiate their emergency action plan.

## NON-OXY MID-CONTINENT EMERGENCIES

It is possible that an Oxy Mid-Continent employee could discover a potentially hazardous leak from a pipeline or other facility not operated by Oxy Mid-Continent.

Also, leaks could be reported to Oxy but upon investigation, turn out to be from someone else's facility. In such instances, the Oxy Mid-Continent employee(s) involved should lend assistance without unduly endangering themselves. Generally, such assistance would include the following actions:

1. Alert and / or assist any persons apparently in immediate danger without entering a toxic or IDLH atmosphere.

Notify the appropriate civil authorities of the location and nature of the emergency and assist as requested.

2. Notify the operator of the facility, if identity can be determined. Telephone numbers of other operations are listed below and in the emergency telephone list included in this manual.

## NATURAL DISASTERS

### TORNADOES

If a tornado is sighted, the individual sighting the tornado should notify other persons in the area by radio and/or mobile phone.

If the individual has had "spotter" training through the National Weather Service, contact with the County Sheriff's Office should be made to report funnel clouds or tornadoes.

Employees should seek cover in a low-lying area away from power lines (i.e. ditch or culvert). Office employees should seek cover in an internal room with no windows. During nights and weekends employees should muster together if time permits.

After the tornado has passed, the **Plant / Operations Production Coordinator** in charge shall coordinate accounting of all employees, evaluate damage assessments and make appropriate notifications. The Emergency Action Plan will remain in effect until operations return to normal.

### EARTHQUAKES

If an earthquake occurs, the Emergency Action Plan will be activated using the best available means.

After accounting for all employees, the situation should be evaluated for damage and the appropriate portions of the Emergency Action Plan should be initiated. The Emergency Action Plan will remain in effect until the Production Coordinator has determined the emergency over and operations are returned to normal.

## APPENDIX C – SAFETY EQUIPMENT

The following safety equipment is available for use during emergencies:

- PPE – Gloves, Safety Glasses, Goggles, Shields, Hard Hat, Ear Plugs
- Personal H<sub>2</sub>S Monitor
- SCBA (Self Contained Breathing Apparatus)
- Personal Work Unit
- Air Bottle Trailers
- NORM Meters and Safety Wear
- Multi Gas Detectors
- Fire Extinguishers
- First Aid Kits
- Chemical Handling Equipment
- Man Lifts
- Confined Space Entry Monitoring Trailer
- Electronic Line Finders
- MSDS Sheets
- Wind Socks
- Signage
- Fixed Alarm Systems
- Any other additional Safety equipment deemed necessary

## APPENDIX D - EMERGENCY ACTION PLAN TRAINING

The team management and HES Specialist will be responsible for updating and reviewing this plan, with all employees **annually** (including make-up training). They will also be responsible for training all employees concerning any significant plan changes.

New employees and employees recently assigned to the operations area must receive training on the Emergency Action Plan as part of New Employee Orientation within the first week of assignment.

Contract employees who routinely enter work sites will receive a briefing explaining their responsibilities in an emergency situation.

All employees will be trained\*\* in the following areas necessary for proper execution of the emergency responses for which this plan is designed:

1. Dry chemical fire extinguisher use **(annual)**
2. Respiratory Protection / use of Self-Contained Breathing Apparatus **(annual)**
3. Use of portable gas detection equipment **(annual)**
4. Proper use of Personal Protective Equipment **(ongoing)**
5. Initial 8 hour First Aid/CPR Course **(refresher training every two years)**
6. Hazard Communication/Chemical Safety Review **(annual)**
7. Lockout/Tagout / Confined Space Entry & Hot Work Permit Requirement **(annual)**

The following drills will be conducted **annually** when deemed necessary by the Plant / Operations Production Coordinator or Team Leader:

1. Fire and Explosion
2. Hydrocarbon Gas Release
3. Bomb Threat
4. Spill Response
5. Man down/Rescue and Medical Emergency

**\*\*Training is documented with sign-off by all personnel in attendance. Make-up training is required.**

## APPENDIX E - PUBLIC RELATIONS

Oxy Mid-Continent recognizes that the news media has a legitimate interest in incidents at Oxy Mid-Continent facilities which could affect the public. It is to the company's benefit to cooperate with the news media when incidents occur because these media are our best liaison with the public.

Our objective is to see that all reports of any emergency are factual and represent the company's position fairly and accurately. Cooperation with news media representatives is the most reliable guarantee that this objective will be met.

**All Team Members are instructed to NOT make any statement to the media concerning the emergency incident.** If any employee is contacted by a media representative, they should refer them to the designated **Emergency Command Center** where they should contact the **Plant / Operations Production Coordinator, Field Incident Commander**, or his designated relief for any information concerning the incident.

### MEDIA RELATIONS GUIDE

It is Oxy Mid-Continent's policy to cooperate with the media in the event of an emergency. In an emergency situation, you may be the first contact a reporter has with Oxy. Plan on the media showing up at the scene or calling your office for details on the emergency.

Remember, in the first hours of an emergency, the reporters want the **who, what, where, when, why** and **how** of the story. They aren't out to make Oxy look bad. As you assess the emergency from an operational point of view, prepare some key points about the situation that you want to make with reporters when they show up.

#### Preparing for the interview:

Your media relations **objectives** should be:

- The **actions** you are taking to contain the incident
- Whether the incident is a danger **to the community**
- **Information** about the incident
- Take time to **prepare yourself mentally**
- **Stay cool**, you're the expert

### Hints for the interview:

- **Talk to the real audience.** The real audience is the people at home, not the reporter or the camera crew.
- **Remember the editorial process.** The reporter is looking for a 10-20 second sound bite containing our actions and concern about the incident.
- **Bridge to your media relations objectives** at every opportunity.
- **State the most important facts first: Who, what, where, when, why and how.** Speak directly and concisely.
- **If you don't know, say you don't know.** Don't try to snow the reporter. The reporter will have greater respect for you (and Oxy) if you don't waste his/her time trying to dance around an issue. "I don't know...but as soon as I do, I'll get back to you." **Then do.**
- **Never say "No comment."** The reporter will think you are trying to hide something. If you cannot discuss something because it involves matters of a confidential nature, or you don't know, say so.
- **Don't speculate or guess.** Reporters will understand that in the early moments of an emergency not all the facts are known.
- **Be responsive, but maintain control:** Don't lose your cool with a reporter if they seem uninformed or get a little pushy. They are trying to obtain information to file a credible story. Help them.
- **Do not release the names of injured people until their families have been notified.** Explain that to the reporters. They'll understand.
- **NEVER LIE.** Be honest and factual.
- Tell the reporters where they can safely take pictures/videos of the scene. **If it is safe, show them what we are doing to contain the emergency and let them take photos/video of our actions.**
- **Short answers** are better than the long ones. They are most easily understood and more likely to be used unedited.
- **Keep it simple.** Don't be technical...remember you are talking to people who don't share your knowledge of our industry. Don't use jargon or acronyms.
- **Look at the reporter,** not at the camera. Assume that TV cameras and microphones are always on...and possibly recording your words, actions and expressions.
- **Be serious.** Any attempt at humor will fail with some readers, viewers or listeners and may embarrass you and Oxy Mid-Continent.

## APPENDIX F: - OXY MID-CONTINENT CRISIS MANAGEMENT PLAN

### OXY MID-CONTINENT CRISIS MANAGEMENT PLAN

OXY Mid-Continent is dedicated to educating its employees, contractors, and communities surrounding our operations with critical information should an unfortunate incident occur. Although prevention of such incidents remains a high priority for OXY Mid-Continent, additional information and training, as appropriate, could aid in minimizing or mitigating the effects of any incident related to our operations. It is the responsibility of each employee, contractor, or visitor to identify and notify OXY Mid-Continent of incidents which could or have resulted in an emergency situation.

(CMP)

#### OXY MIDCONTINENT CRISIS MANAGEMENT OBJECTIVES

1. Utilize emergency preparedness exercises as a key learning for emergency prevention planning.
2. Ensure each individual on OXY Mid-Continent property understands their role during an emergency and is equipped with the knowledge and tools to successfully perform that role.
3. Identify potentially high risk operations and plan for worst case scenarios.
4. Identify any hazard information sharing opportunities with the civil authorities who will respond to our facilities during an emergency.
5. Identify and plan for regulatory notification in a timely manner.
6. Maximize resource utilization to minimize process interrupt and to minimize adverse external impacts of any OXY Mid-Continent incidents in the communities where we operate.

# OMCCT NOTIFICATION LISTS

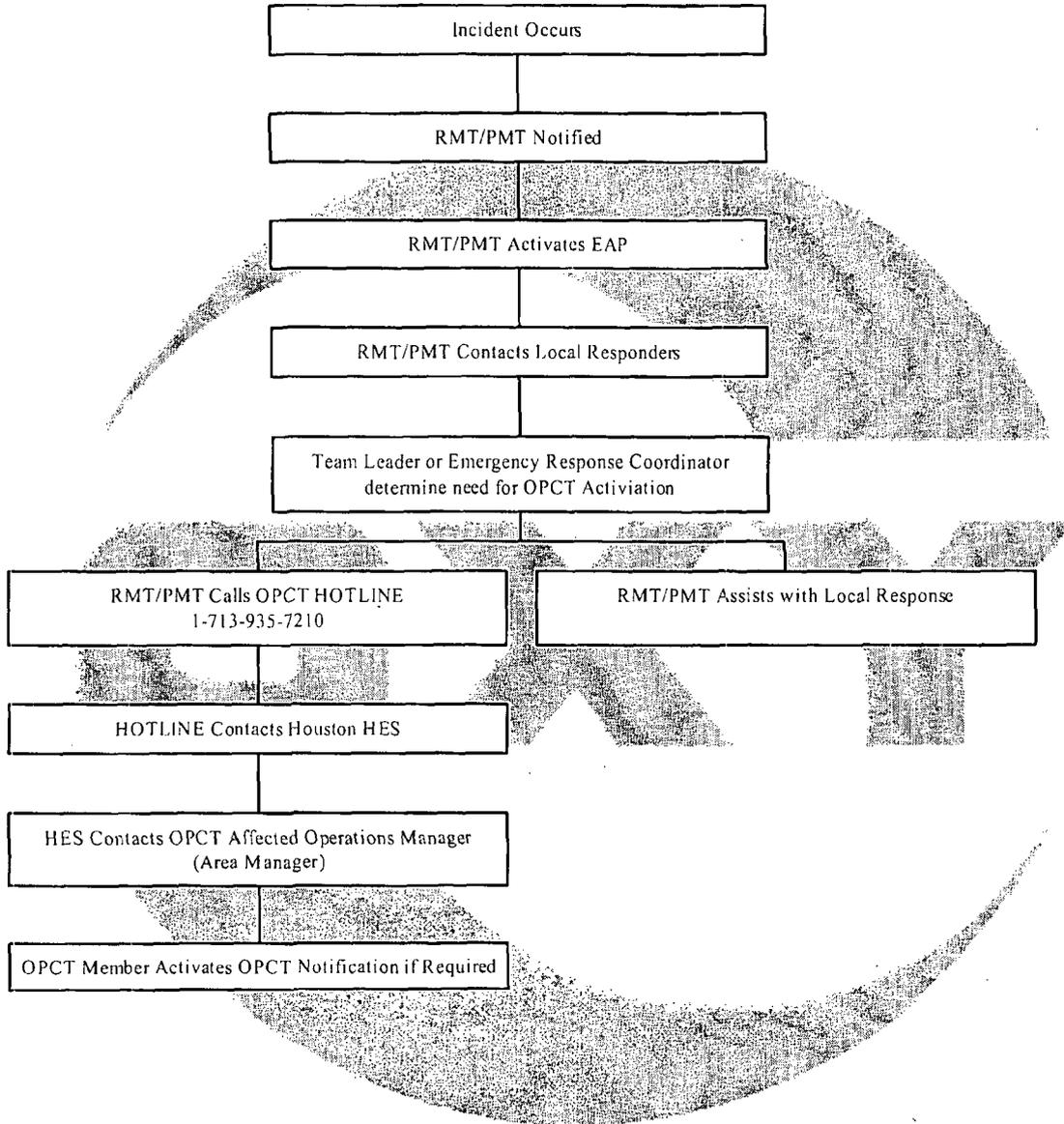
## OMCCT NOTIFICATION REQUIREMENTS

The following examples are provided as a guideline to determine whether an incident requires notification of the OXY Mid-Continent Crisis Team ("OMCCT"). These examples provide only a basis for rationale when evaluating the extent of the incident. If there is a question about notification or OMCCT involvement, the OXY Mid-Continent Management Team would prefer over notification instead of field locations attempting to manage an incident without adequate resources.

### Examples:

1. Employee or contractor fatalities.
2. Any fatality, injury or illness to a member of the public.
3. Multiple hospitalizations of contractor or employees.
4. Potential or actual threat to public health.
5. Significant environmental impact, offsite or onsite.
6. Potential or actual incident media coverage.
7. Unified (company & community) response required.
8. Existing threat; bomb/disgruntled employee/etc.
9. Blatant unsafe acts may have occurred.
10. Obvious potential for litigation exists.
11. Substantial long term cost impacts are inevitable.
12. Incidents causing injuries to multiple personnel (more severe than first aid) and involving OXY Mid-Continent equipment, facilities, operations, construction, or transportation.

## OMCCT NOTIFICATION PROCESS



**OMCCT HOTLINE NOTIFICATION**

The OXY MID-CONTINENT CRISIS TEAM (OMCCT) members will be directed to report to the designated Emergency Operations Center ("EOC"). The EOC is located on the Plaza Level of Greenway 5 in Houston but another area may be designated as necessary. The OMCCT can be notified of a crisis by contacting the OXY Mid-Continent Crisis Answering Service at the following number:

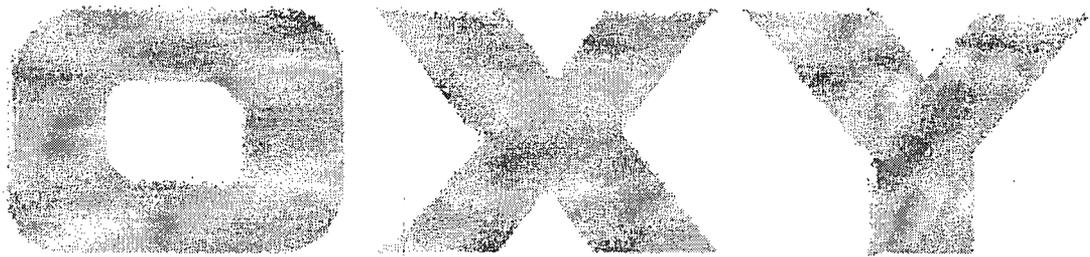
**713-935-7210**

**HOUSTON HES CONTACTS**

**David Edwards**

**713-366-5527(W)**

**832-794-7932(C)**



# OMCCT Member Duties

## INCIDENT MANAGER

- Exterior Focus
- Total OXY Mid-Continent Operations Impact
- Total OXY Mid-Continent Image Impact
- Community Impact
- Houston Media Interaction
- OOGC & OMCC Required Interactions

## OPERATIONS MANAGER

- Manage Field Response through FIC
- Coordinate Response Efforts with OMCCT
- Ensure Resources Available for HASP
- Identify Resources for Long Responses
- Communicate Response & Recovery Plans to Facilitate State/Fed Approval
- Provide Operations Updates during OMCCT Briefings on Regular Basis

## PLANNING MANAGER

- Develop Action Plan Toward Recovery
- Ensure Site Security is Obtained
- Publish & Distribute Incident Action Plan
- Publish Incident Journal After Legal Review
- Ensure Site HASP is in Place
- Identify Long and Short Term Impacts
- Present Recovery Plan to OMCCT for Approval
- Schedule and Conduct OMCCT Briefings

## LOGISTICS MANAGER

- Support Mobilization of OMCMRT team
- Acquire Local Support as Requested
- Ensure Available Cash Support for OMCMRT
- Assist Planning Mgr in Costs Estimates
- Coordinate Logistics for Communities

## **OMCCT MEMBER DUTIES (cont.)**

### **HES MANAGER**

- Assist Incident Site with HASP
- Ensure Notifications Have Occurred
- Provide HES Consultation to OMCCT
- Provide HES Field Support as Requested
- Assist with Recovery Planning
- Advise Planning Mgr with HES Impacts

### **EOC COORDINATOR**

- Maintain Incident Information Center
- Ensure EOC is Functional and Staffed
- Ensure F&S has Building Security in Place
- Provide Central Contact for EOC

### **HUMAN RESOURCES MANAGER**

- Coordinate Humanitarian Assistance
- Assist in Crisis EAP Services
- Ensure Personnel Records are Maintained
- Assist with Labor & Employment Issues
- Establish Family Hotline

### **EXTERNAL AFFAIRS**

- Coordinate All Media Interactions
- Support Incident Mgr and Field Communications; Press and Media
- Support OOGC & OMCC Organizational Updates

### **GENERAL COUNSEL**

- Assist in Liability Determination
- Advise OMCCT and Field in Legal Counsel
- Review All Press Releases
- Handle All Legal Inquiries during Crisis

# OXY MID-CONTINENT MANAGEMENT RESPONSE TEAM (OMCMRT)

The following individuals have been designated to mobilize to the incident site at the discretion of the OMCMRT Manager. Each member's duties will be determined by the OMCMRT collectively and will be driven by the incident requirements.

The primary objective is to assist the local Incident Commander in the management aspects of his incident especially in the areas of *media interactions, immediate (3-5 day) logistical assistance for victims, long term recovery commitments, and community relations at the scene.*

The OMCMRT may be expanded at the discretion of the Team Manager based on the incident but will not include members of the OMCMRT assigned to other responsibilities.

***NOTE: Aircraft accommodations will be pre-arranged by the OMCMRT Logistics Manager and communicated to the OMCMRT.***

## OXY MID-CONTINENT CRISIS TEAM (OMCCT)

### *Automated Call Out Procedures*

The following procedure is intended for use by the Incident Managers, Operations Managers, or OMC MRT Team Leaders to quickly alert the OMCCT that activation of Crisis Management Plan is underway. Specific callout distributions will be established on each of these OMCCT managers' phones to allow for one call OMCCT notification.

#### **Callout Procedure:**

To leave an Alert message for the OMC Crisis Management Team and to notify their cell phones in order to check Alert Message:

1. Call the Voice Mail System: **713-215-7500 or 1-800-733-0330**
2. Enter the Crisis Management Mail Box Number: **5911#**
3. Enter Password: **911911#**
4. To compose the Alert Message Dial: **75**
5. Enter the Crisis Management Distribution List: **12##**  
(This will automatically access each individual's personal mail box number.)
6. To Record the Message, Press: **5**
7. After Recording Message, Dial: **#701**, to tag the message for urgent delivery
8. To Send the Recorded Message Dial: **79**
9. Hang Up

#### **Responding to an OMC Crisis Management Alert Message:**

1. If you get a voicemail at your office phone, retrieve message by following the usual procedures
2. If you received a call on your cell phone from the Voice Mail System. Follow instructions given during the call to retrieve the message
3. If the call to your cell phone goes to your cell phone voice mail, you will only be able to retrieve the message by calling (713) 215-7500 or 1-800-733-0330. These are the same number you use for remote access to voice mail for your office phone voice mail.
4. Enter Your Personal Mailbox Number Followed by the # Sign; Enter Your Password, Followed by the # Sign.

## APPENDIX G – FIRE PREVENTION PLAN

### PURPOSE

This Fire Prevention Plan applies to all Production Area operations including field offices of the Southwest – NM Team where employees may encounter a fire. This plan requirement is based on OSHA's Fire Prevention Plan regulation found at 29 CFR 1910.38(b).

A written prevention plan shall be included in the local Emergency Action Plan for each Production Area of the Southwest – NM properties to control and reduce the possibility of fire and to specify the type of equipment to use in case of fire. This plan addresses the following issues:

- Major workplace fire hazards and their proper handling and storage procedures.
- Potential ignition sources for fires and their control procedures
- The type of fire protection equipment or systems which can control a fire.
- Regular job titles of personnel responsible for coordinating inspections and/or maintenance of equipment and systems installed to prevent or control ignition of fires and for control of fuel source hazards
- Housekeeping
- Training
- Employee Review

The fire prevention plan communicates to employees guidelines to follow when fires erupt, as well as what actions should be taken to prevent occurrence. This written plan is available, upon request, to employees, their designated representatives, Oxy Mid-Continent management and any OSHA official upon request.

Should there be any suggestions on "plan" improvements, please contact your HES Technician. The Southwest – NM team encourages all suggestions to enhance the success of each Production Area Emergency Action Plan.

## PLAN ACTIONS

1. Develop a written fire prevention plan for regular and after-hours work conditions.
2. Satisfy all local fire codes and regulations.
3. Prepare an office building "plat" showing the location of fire exits, fire extinguishers, evacuation routes, and emergency "staging" areas. This plat should be posted throughout the office building and should be included in the Fire Prevention Section of the local emergency action plan.
4. Train employees on Oxy Mid-Continent's philosophy on fighting fires, in the use of fire extinguishers and the application of medical first-aid techniques.
5. Train employees on the procedures for reporting a fire.
6. Keep Production Area's emergency call-list of telephone numbers by each telephone in the office for immediate use in the event of a fire. Make the list available to all employees (and contractors as appropriate), to be retained in their homes, for use in communicating a fire occurring during non-work hours.

## FIRE GUIDELINES

1. Immediate notification is required to local emergency response agencies and local Oxy management and company/contractor personnel as appropriate.
2. Decide to remain in or evacuate the workplace.
3. If evacuation is deemed necessary, ensure that:
  - All affected employees and/or contractors are immediately notified.
  - All inside doors of the office building are closed before evacuating, if time permits.
  - All employees and/or contractors are counted for to confirm total evacuation.

**Note:** When practical, equipment should be placed and locked in storage rooms or desks for protection.

## WORKPLACE FIRE HAZARDS [29 CFR 1910.38 (b)(2)(i)]

It is the intent of the Southwest-NM to assure that hazardous accumulations of combustible waste materials are controlled so that a fast developing fire, rapid spread of toxic smoke, or an explosion will not occur. Employees and/or contractors are to be made aware of the hazardous properties of materials in their workplaces on Oxy Mid-Continent operated properties, and the degree of hazard each poses.

A list of the major fire hazards that may be found in the work environment includes but is not limited to:

Crude Oil  
Natural Gas  
Electrical Wiring  
Wood/Paper/Cardboard  
Vehicles

Proper handling and storage procedures are important factors in eliminating fire hazards. Every effort should be made to keep fire hazards away from ignition sources such as heat, sparks, or open flames. Grounding and bonding of load lines or containers when transferring flammable materials is used to eliminate sparks from potential static electricity charges. Proper electrical wiring utilizing conduits along with proper insulation and seals and by not allowing temporary wiring (extension cords) to become permanent wiring. Keeping containers closed and storage areas properly ventilated. Eliminating the accumulation of combustible items such as wood, waste paper, and corrugated boxes, etc that may be easily ignited by matches, welder's sparks, cigarettes and other similar low-level energy ignition sources. There is also driver safety associated with allowing vehicles into potential hazardous atmospheres or into an arid brush field area where the vehicle exhaust system (catalytic converter) may emit a spark.

Fire prevention measures must be developed for all fire hazards found. Once employees are made aware of the fire hazards in their work areas, they must be trained in the fire prevention measures developed and use them in the course of their work.

The following procedures are used to control known ignition sources.

- Proper electrical fittings, as defined by areas of classification, are utilized;
- Smoking is prohibited in all Mid-Continent facilities;
- Vehicles are not allowed where there is a known concentration of combustible material.
- Air conditioning/heater closets, kitchen area, coffee bar area, and microwaves are inspected to ensure there is not an accumulation of flammables/combustibles around ignition sources and that appliances are functioning normal
- Communication switch closets are inspected to ensure flammables/combustibles are not accumulating in front of or adjacent to electrical panels or switches.

Fire protection equipment in use for the Southwest – NM may include the installation of ABC/BC dry chemical fire extinguishers on vehicles, and/or at field facilities and field office buildings to protect from the various types of fire hazards.

29 CFR 1910.38 (b)(2)(ii)

The HES Technician for each Production Area will serve as the Fire Prevention Plan Coordinator. The HES Technician has overall responsibility for the plan and will review and update it as necessary. The written program may also be found in designated Fire Prevention Safety Files at each Production Area Field Office.

29 CFR 1910.38 (b)(2)(iii)

Each employee is responsible for controlling fuel source hazards in their assigned work areas.

#### **HOUSEKEEPING [29 CFR 1910.38 (b)(3)]**

It is the responsibility of each employee to ensure proper housekeeping procedures are utilized to control the accumulation of flammable and combustible material. Employees' responsibilities concerning housekeeping include maintaining a clean and orderly work area in their area of responsibility, taking corrective action if a general use area appears to have an excessive amount of flammables/combustibles accumulating, and reporting any perceived unsafe condition concerning ignition sources and housekeeping practices.

#### **TRAINING [29 CFR 1910.38 (b)(4)]**

At the time of a fire, employees should know what type of evacuation is necessary and what their role is in carrying out the plan. In cases where the fire is large, total and immediate evacuation of all employees is necessary. In smaller fires, a partial evacuation of nonessential employees with a delayed evacuation of others may be appropriate. We must be sure that employees know what is expected of them during a fire to assure their safety. Oxy Mid-Continent's fire fighting philosophy focuses on fighting "incipient" (beginning) stage fires only. There is no expectation or requirement for employees to participate in extinguishing an incipient stage fire. The primary objective is the safety of all personnel. In addition, OSHA requires training on the plan's content. Annual training including make-up training is required by the Southwest – NM area.

#### **Initial Assignment Training [29 CFR 1910.38 (b)(4)(i)]**

Employees are apprised of the fire hazards of the materials and processes that they will be exposed to in their job responsibilities and work locations.

- What to do if an employee discovers a fire;
- Demonstration of the alarm (if appropriate);
- How to recognize fire exits;
- Evacuation routes;
- Assisting employees with disabilities;
- Measures to contain fire (close all office doors prior to leaving building);
- Head count procedures (see EAP for details); and
- Return to building after the "all-clear" signal.

If there is reason to believe an employee does not have the understanding required, the employee must be retrained.

#### **Fire Prevention Equipment [29 CFR 1910.38(b)(4)(ii)]**

Training is provided for each employee who is required to use fire prevention equipment. Employees shall not use fire prevention equipment without appropriate training. Training, before an individual is allowed to fight a fire, includes:

- Types of alarms and their meaning;
- Types of fires;
- Types of fire prevention equipment;
- Location of fire prevention equipment;
- How to use fire prevention equipment;
- Limitations of fire prevention equipment; and
- Proper care and maintenance of assigned fire prevention equipment

Employees must demonstrate an understanding of the training and the ability to use the equipment properly before they are allowed to fight a fire.

#### **MAINTENANCE OF FIRE PROTECTION EQUIPMENT [29 CFR 1910.38 (b)(5)]**

Once hazards are evaluated and equipment is installed to control them that equipment must be monitored on a regular basis to make sure it continues to function properly. Every employee who is issued a fire extinguisher is responsible for maintaining their equipment and performing monthly inspections as required by OSHA.

The HES Technician will coordinate monthly inspections of all fire extinguishers and smoke alarms at each Production Area Field Office. Inspection records are maintained in each Production Area's safety files.

Certain equipment is often installed in workplaces to control heat sources or to detect gas leaks. An example is a temperature limit switch found on Vapor Recovery Units (VRU). There may be similar switches for high temperature dip tanks, or flame failure and flashback-arrester devices on furnaces and similar heat producing equipment. If these devices are not properly maintained or if they become inoperative, a definite fire hazard exists. Employees and supervisors should be aware of the specific type of control devices on equipment involved with combustible materials in the workplace and should make sure, through periodic inspection or testing, that these controls are operable. Manufacturer's recommendations should be followed to assure proper maintenance procedures. Maintenance files for these types of equipment control devices are located at each Production Area Office.

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 WTP LP	Contact MARK TREESH
Address 329 Marathon Rd, Lakewood	Telephone No. (575)200-8010
Facility Name INDIAN BASIN GAS PLANT	Facility Type

Surface Owner	Mineral Owner INDIAN BASIN	Lease No.
---------------	----------------------------	-----------

**LOCATION OF RELEASE**

Unit Letter G	Section 23	Township 21-S	Range 23-E	Feet from the	North/South Line	Feet from the	East/West Line	County Eddy
------------------	---------------	------------------	---------------	---------------	------------------	---------------	----------------	----------------

Latitude 32°27'52.502" Longitude 104°34'28.004"

**NATURE OF RELEASE**

Type of Release Gas	Volume of Release 90.67 MCF	Volume Recovered 0
Source of Release Utility Flare	Date and Hour of Occurrence 10/31/2009 4:42:00 PM	Date and Hour of Discovery 10/31/2009 4:42:00 PM
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
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.* Cause: ACID GAS COMPRESSOR SHUTDOWN DUE TO LOW LUBE OIL FLOW SHUTDOWN TO CYLINDERS Remedial Action Taken: SEE ADDITIONAL SHEET ATTACHED*		
Describe Area Affected and Cleanup Action Taken.* N/A		

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.

**OIL CONSERVATION DIVISION**

Signature:	Approved by District Supervisor:	
Printed Name: MARK TREESH	Approval Date:	Expiration Date:
Title:	Conditions of Approval:	Attached <input type="checkbox"/>
E-mail Address: Mark_Treesh@oxy.com		
Date:	Phone: (575)200-8010	

\* Attach Additional Sheets If Necessary

---

Describe Cause of Problem and Remedial Action Taken.\*

Cause:

ACID GAS COMPRESSOR SHUTDOWN DUE TO LOW LUBE OIL FLOW SHUTDOWN TO CYLINDERS

Remedial Action Taken:

ADDITIONAL TROUBLESHOOTING WAS PERFORMED ON THE LUBRICATING SYSTEM OF THIS COMPRESSOR EARLIER IN THE WEEK DUE TO SIMILAR SHUTDOWNS.

AT 21:09 ON 10/28 THE COMPRESSOR SHUTDOWN ON LOW LUBRICATOR FLOW AND IT WAS DETERMINED THAT THERE WAS A PLUGGED LUBRICATION INJECTION PORT ON THE 5<sup>TH</sup> STAGE DISTANCE PIECE CAUSING THE NO FLOW SITUATION. THE LUBRICATION PORT WAS DISASSEMBLED AND CLEANED OUT. THE LUBRICATION SYSTEM WAS PURGED AND THE COMPRESSOR WAS PLACED BACK ONLINE.

AT 16:03 ON 10/29 THE COMPRESSOR SHUTDOWN ON LOW LUBRICATOR FLOW AND IT WAS DETERMINED THAT THERE WAS A MALFUNCTIONING LUBRICATOR DIVIDER BLOCK IN THE LUBRICATION SYSTEM. A CONTRACT COMPRESSION COMPANY WAS CALLED OUT TO CHANGE OUT LUBRICATION DIVIDER BLOCK THAT WAS MALFUNCTIONING AND THE COMPRESSOR WAS PLACED BACK ON LINE. SPARE DIVIDER BLOCKS WERE ORDERED AND WILL BE KEPT ON SITE TO MINIMIZE THE DOWNTIME NECESSARY IF THIS PROBLEM OCCURS IN THE FUTURE. IN ADDITION THE LUBRICATOR PUMP WAS REPLACED WITH A NEW PUMP IN AN EFFORT TO AVOID ANOTHER SHUTDOWN.

UNKOWINGLY, THIS LEAD TO THE CURRENT SHUTDOWN AT 16:42 ON 10/31. THE NEW LUBRICATOR PUMP WAS REPLACED WITH THE ORIGINAL PUMP AND THE COMPRESSOR WAS PUT BACK ONLINE. COMPRESSOR HAS RUN CONTINUOUSLY SINCE BEING PUT BACK ONLINE ON 10/31. THE INDIAN BASIN GAS PLANT SULFUR RECOVERY UNIT REPAIRS ARE CONTINUING AND ONCE COMPLETE THE SRU WILL ACT AS A BACKUP TO THE ACID GAS COMPRESSOR WHEN IT SHUTS DOWN, MINIMIZING THE AMOUNT OF ACID GAS THAT IS FLARED.

---

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

Form C-141  
Revised October 10, 2003

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

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2009 NOV 13 AM 11 57  
Submit 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 WTP LP	Contact KIRKES CLINT
Address 329 Marathon Rd, Lakewood	Telephone No. (575) 628-4113
Facility Name INDIAN BASIN GAS PLANT	Facility Type Gas Processing

Surface Owner	Mineral Owner INDIAN BASIN	Lease No.
---------------	----------------------------	-----------

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
G	23	21-S	23-E					Eddy

Latitude 32°27'52.502" Longitude 104°34'28.004"

**NATURE OF RELEASE**

Type of Release Gas	Volume of Release 2780.5 MCF	Volume Recovered 0
Source of Release Residue Flare	Date and Hour of Occurrence 11/10/2009 2:59:00 PM	Date and Hour of Discovery 11/10/2009 2:59:00 PM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Mike Bratcher	
By Whom? Clint Kirkes	Date and Hour 11/11/09 11:10am	
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.\*  
Cause:  
FLARED RESIDUE GAS ON HIGH OXYGEN CONTENT.  
Remedial Action Taken:  
CALLED FIELD MEASUREMENT SPECIALIST TO TRY AND LOCATE THE SOURCE OF THE OXYGEN. ALSO WE TESTED INLET GAS LINES WITH A PORTABLE OXYGEN ANALYZER TO DETERMINE WHERE THE OXYGEN WAS COMING FROM. A LETTER WILL BE SENT TO ALL FIELD PRODUCERS STATING THAT PLANT PERSONELL MUST BE NOTIFIED WHEN PUTTING WELLS OR EQUIPMENT ONLINE THAT MAY HAVE THE POSSIBILITY TO CONTAIN OXYGEN..

Describe Area Affected and Cleanup Action Taken.\*  
N/A

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: <i>Clint Kirkes</i>	<b>OIL CONSERVATION DIVISION</b>		
Printed Name: Clint Kirkes	Approved by District Supervisor:		
Title: <i>Plant Specialist</i>	Approval Date:	Expiration Date:	
E-mail Address: clinton_kirkes@oxy.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: <i>11/11/2009</i>	Phone: (575)628-4113		

\* Attach Additional Sheets If Necessary

**Chavez, Carl J, EMNRD**

---

**From:** Chavez, Carl J, EMNRD  
**Sent:** Friday, November 13, 2009 6:17 AM  
**To:** 'Clinton\_Kirkes@oxy.com'  
**Subject:** Indian Basin Gas Plant (2R-22-0) C-141s & Hydrogen Sulfide Contingency Plan

Mr. Kirkes:

Could you please forward a copy of your H2S Contingency Plan to me? Thanks.

Carl J. Chávez, CHMM  
New Mexico Energy, Minerals & Natural Resources Dept.  
Oil Conservation Division, Environmental Bureau  
1220 South St. Francis Dr., Santa Fe, New Mexico 87505  
Office: (505) 476-3490  
Fax: (505) 476-3462  
E-mail: [CarlJ.Chavez@state.nm.us](mailto:CarlJ.Chavez@state.nm.us)  
Website: <http://www.emnrd.state.nm.us/ocd/index.htm>  
(Pollution Prevention Guidance is under "Publications")

District I  
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Submit 2 Copies to appropriate  
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with Rule 116 on back  
side of form

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2009 NOV 12 PM 2 39

### Release Notification and Corrective Action

#### OPERATOR

Initial Report  Final Report

Name of Company OXY USA WTP LP	Contact CLINT KIRKES
Address 329 Marathon Rd, Lakewood	Telephone No. (575) 628-4113
Facility Name INDIAN BASIN GAS PLANT	Facility Type GAS PROCESSING
Surface Owner	Mineral Owner INDIAN BASIN
Lease No.	

#### LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
G	23	21-S	23-E					Eddy

Latitude 32°27'52.502" Longitude 104°34'28.004"

#### NATURE OF RELEASE

Type of Release Gas	Volume of Release 1629.1 MCF	Volume Recovered 0
Source of Release Residue Flare	Date and Hour of Occurrence 11/9/2009 10:15:00 PM	Date and Hour of Discovery 11/9/2009 10:15:00 PM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? MIKE BRATCHER	
By Whom? CLINT KIRKES	Date and Hour 11/10/09 11:30AM	
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.\*  
Cause:  
FLARED RESIDUE GAS ON HIGH OXYGEN CONTENT.  
Remedial Action Taken:  
CALLED FIELD MEASUREMENT SPECIALIST TO TRY TO LOCATE THE SOURCE OF THE OXYGEN.WE WILL COMMUNICATE WITH FIELD PERSONELL THE IMPORTANCE OF NOTIFYING PLANT PERSONELL WHEN WELLS OR EQUIPMENT ARE PLACED ONLINE THAT MAY HAVE THE POSSIBILITY TO CONTAIN OXYGEN.

Describe Area Affected and Cleanup Action Taken.\*  
N/A

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: <i>Clint Kirkes</i>	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: CLINT KIRKES	Approved by District Supervisor:	
Title: <i>Plant Specialist</i>	Approval Date:	Expiration Date:
E-mail Address: Clinton_Kirkes@oxy.com	Conditions of Approval:	
Date: <i>11/10/2009</i> Phone: 575-628-4113	Attached <input type="checkbox"/>	

\* Attach Additional Sheets If Necessary

## Chavez, Carl J, EMNRD

---

**From:** Chavez, Carl J, EMNRD  
**Sent:** Thursday, November 05, 2009 5:05 PM  
**To:** 'Mark\_Treesh@oxy.com'  
**Cc:** Dade, Randy, EMNRD; Ezeanyim, Richard, EMNRD  
**Subject:** Oxy Indian Basin Gas Plant (2RP-22-0) C-141 Acid Gas Compressor Shutdown Due to Low Lube Oil Flow Shutdown to Cylinders  
**Attachments:** C-141 Gas Release 10-31-2009.pdf

Mr. Mark Treesh:

Good afternoon. The Oil Conservation Division (OCD) is in receipt of your C-141 Form for a 90.67 MCF release that occurred on 10/31/2009 at 4:42 p.m. The OCD has received prior C-141s indicating a similar description for cause of the release ("acid gas compressor shutdown due to low lube oil flow shutdown to cylinders").

You indicated in a telephone call that when the compressor shuts down 98% of the gas is flared with a sulfur dioxide emission. In addition, a release form is submitted to the NMED for air quality monitoring purposes.

I have attached the C-141 Form for reference.

Based on the final C-141 Form that was submitted, the OCD requests the following:

- 1) Copy of your H2S Contingency Plan (CP) as required by 19.15.11 NMAC (Hydrogen Sulfide Gas). The CP should have a map to help assess public health threats from the releases that have been occurring.
- 2) Amend the C-141 Form to describe the cause of the problem and remedial action taken, in this case, to fix the problem or steps taken to remedy the situation and prevent these releases from re-occurring.

The OCD hopes that the problem with the compressor is fixed to prevent these "Major Releases" from occurring in the future. Please resubmit a recompleted C-141 Form and CP to me by close of business next Friday, November 13, 2009.

Please contact me if you have questions. Thank you.

Carl J. Chavez, CHMM  
New Mexico Energy, Minerals & Natural Resources Dept.  
Oil Conservation Division, Environmental Bureau  
1220 South St. Francis Dr., Santa Fe, New Mexico 87505  
Office: (505) 476-3490  
Fax: (505) 476-3462  
E-mail: [CarlJ.Chavez@state.nm.us](mailto:CarlJ.Chavez@state.nm.us)  
Website: <http://www.emnrd.state.nm.us/ocd/index.htm>  
(Pollution Prevention Guidance is under "Publications")

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 WTP LP	Contact MARK TREESH
Address 329 Marathon Rd, Lakewood	Telephone No. (575)200-8010
Facility Name INDIAN BASIN GAS PLANT	Facility Type

Surface Owner	Mineral Owner INDIAN BASIN	Lease No.
---------------	----------------------------	-----------

**LOCATION OF RELEASE**

Unit Letter G	Section 23	Township 21-S	Range 23-E	Feet from the	North/South Line	Feet from the	East/West Line	County Eddy
------------------	---------------	------------------	---------------	---------------	------------------	---------------	----------------	----------------

Latitude 32°27'52.502" Longitude 104°34'28.004"

**NATURE OF RELEASE**

Type of Release Gas	Volume of Release 90.67 MCF	Volume Recovered 0
Source of Release Utility Flare	Date and Hour of Occurrence 10/31/2009 4:42:00 PM	Date and Hour of Discovery 10/31/2009 4:42:00 PM
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
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.\*

Cause:  
ACID GAS COMPRESSOR SHUTDOWN DUE TO LOW LUBE OIL FLOW SHUTDOWN TO CYLINDERS  
Remedial Action Taken:  
RESTARTED COMPRESSOR

Describe Area Affected and Cleanup Action Taken.\*  
N/A

2009 NOV -5 P 2:23  
RECEIVED OGD

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.

**OIL CONSERVATION DIVISION**

Signature: <i>Mark Treesh</i>	Approved by District Supervisor:	
Printed Name: MARK TREESH	Approval Date:	Expiration Date:
Title: <i>Production Coordinator</i>	Conditions of Approval:	
E-mail Address: Mark_Treesh@oxy.com	Attached <input type="checkbox"/>	
Date: <i>11/2/09</i> Phone: (575)200-8010		

\* Attach Additional Sheets If Necessary

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

Form C-141  
Revised, October 10, 2003

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Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

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2009 NOV 11 11:57

Release Notification and Corrective Action

OPERATOR

Initial Report  Final Report

Name of Company OXY USA WTP LP	Contact KIRKES, CLINT
Address 329 Marathon Rd, Lakewood	Telephone No. (575) 628-4113
Facility Name INDIAN BASIN GAS PLANT	Facility Type

Surface Owner	Mineral Owner INDIAN BASIN	Lease No.
---------------	----------------------------	-----------

LOCATION OF RELEASE

Unit Letter G	Section 23	Township 21-S	Range 23-E	Feet from the	North/South Line	Feet from the	East/West Line	County Eddy
------------------	---------------	------------------	---------------	---------------	------------------	---------------	----------------	----------------

Latitude 32°27'52.502" Longitude 104°34'28.004"

NATURE OF RELEASE

Type of Release Gas	Volume of Release 213.31 MCF	Volume Recovered 0
Source of Release Utility Flare	Date and Hour of Occurrence 10/29/2009 4:03:00 PM	Date and Hour of Discovery 10/29/2009 4:03:00 PM
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
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.\*  
Cause:  
ACID GAS COMPRESSOR DOWN ON LOW LUBE OIL NO FLOW SHUTDOWN.  
Remedial Action Taken:  
RESTARED ACID GAS COMPRESSOR

Describe Area Affected and Cleanup Action Taken.\*  
N/A

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: <i>Clint Kirkes</i>	<u>OIL CONSERVATION DIVISION</u>	
Printed Name: Clint Kirkes	Approved by District Supervisor:	
Title: <i>Plant Specialist</i>	Approval Date:	Expiration Date:
E-mail Address: clinton_kirkes@oxy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: <i>10/30/2009</i> Phone: (575)628-4113		

\* Attach Additional Sheets If Necessary

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

Form C-141  
Revised October 10, 2003

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Submit 2 Copies to appropriate  
District Office in accordance  
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side of form

2009 NOV 20 PM RECEIVED Release Notification and Corrective Action

OPERATOR  Initial Report  Final Report

Name of Company OXY USA WTP LP	Contact KIRKES, CLINT
Address 329 Marathon Rd, Lakewood	Telephone No. (575) 628-4113
Facility Name INDIAN BASIN GAS PLANT	Facility Type GAS PROCESSING PLANT

Surface Owner:	Mineral Owner INDIAN BASIN	Lease No.
----------------	----------------------------	-----------

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
G	23	21-S	23-E					Eddy

Latitude 32°27'52.502" Longitude 104°34'28.004"

NATURE OF RELEASE

Type of Release Gas	Volume of Release 87.8 MCF	Volume Recovered 0
Source of Release Utility Flare	Date and Hour of Occurrence 10/28/2009 9:09:00 PM	Date and Hour of Discovery 10/28/2009 9:09:00 PM
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
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.\*

Cause:  
ACID GAS COMPRESSOR DOWN ON LOW LUBE OIL NO FLOW SHUTDOWN.  
Remedial Action Taken:  
RESTARTED COMPRESSOR.

Describe Area Affected and Cleanup Action Taken.\*  
N/A

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.

OIL CONSERVATION DIVISION

Signature: <i>Clint Kirkes</i>	Approved by District Supervisor:	
Printed Name: Clint Kirkes	Approval Date:	Expiration Date:
Title: <i>Plant Specialist</i>	Conditions of Approval:	
E-mail Address: clinton_kirkes@oxy.com	Attached <input type="checkbox"/>	
Date: <i>10/29/2009</i> Phone: (575)628-4113		

\* Attach Additional Sheets If Necessary

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

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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  
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side of form

### Release Notification and Corrective Action

**OPERATOR**       Initial Report       Final Report

Name of Company OXY USA WTP LP	Contact KIRKES, CLINT
Address 329 Marathon Rd, Lakewood	Telephone No. (575) 628-4113
Facility Name INDIAN BASIN GAS PLANT	Facility Type

Surface Owner	Mineral Owner INDIAN BASIN	Lease No.
---------------	----------------------------	-----------

#### LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
G	23	21-S	23-E					Eddy

Latitude 32°27'52.502" Longitude 104°34'28.004"

#### NATURE OF RELEASE

Type of Release Gas	Volume of Release 79.05 MCF	Volume Recovered 0
Source of Release Utility Flare	Date and Hour of Occurrence 10/22/2009 12:39:00 PM	Date and Hour of Discovery 10/22/2009 12:39:00 PM
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
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.\*

Cause:  
SHUT ACID GAS COMPRESSOR DOWN TO REPLACE 2ND STAGE DISCHARGE VALVE  
Remedial Action Taken:  
PLACED ACID GAS COMPRESSOR ONLINE AFTER MAINTENANCE WAS COMPLETE

Describe Area Affected and Cleanup Action Taken.\*

N/A

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.

#### OIL CONSERVATION DIVISION

Signature: <i>Clint Kirkes</i>	Approved by District Supervisor:		
Printed Name: CLINT KIRKES	Approval Date:	Expiration Date:	
Title: <i>Plant Specialist</i>	Conditions of Approval:		Attached <input type="checkbox"/>
E-mail Address: clinton_kirkes@oxy.com			
Date: <i>10/23/2009</i> Phone: 575-628-4113			

\* Attach Additional Sheets If Necessary

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

Form C-141  
Revised October 10, 2003

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

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Release Notification and Corrective Action

OPERATOR

Initial Report  Final Report

Name of Company OXY USA WTP LP	Contact KIRKES, CLINT
Address 329 Marathon Rd, Lakewood	Telephone No. (575) 628-4113
Facility Name INDIAN BASIN GAS PLANT	Facility Type GAS PROCESSING PLANT
Surface Owner	Mineral Owner INDIAN BASIN
	Lease No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
G	23	21-S	23-E					Eddy

Latitude 32°27'52.502" Longitude 104°34'28.004"

NATURE OF RELEASE

Type of Release Gas	Volume of Release 76.92 MCF	Volume Recovered ()
Source of Release Utility Flare	Date and Hour of Occurrence 10/7/2009 11:54:00 PM	Date and Hour of Discovery 10/7/2009 11:54:00 PM
Was Immediate Notice Given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
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.\*

Cause:  
ACID GAS COMPRESSOR DOWN DUE TO LOSS OF POWER FROM ELECTRICAL STORM.  
Remedial Action Taken:  
RESTORED POWER. PLACED ACID GAS COMPRESSOR BACK ONLINE.

Describe Area Affected and Cleanup Action Taken.\*

N/A

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.

OIL CONSERVATION DIVISION

Signature: <i>Clint Kirkes</i>	Approved by District Supervisor:	
Printed Name: CLINT KIRKES	Approval Date:	Expiration Date:
Title: <i>Plant Specialist</i>	Conditions of Approval:	
E-mail Address: clinton_kirkes@oxy.com	Attached <input type="checkbox"/>	
Date: <i>10/8/2009</i> Phone: 575-628-4113		

\* Attach Additional Sheets If Necessary

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

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Form C-141  
Revised October 10, 2003

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

2009 SEP 23 PM 1:49

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 WTP LP	Contact KIRKES, CLINT
Address 329 Marathon Rd, Lakewood	Telephone No. (575) 628-4113
Facility Name INDIAN BASIN GAS PLANT	Facility Type

Surface Owner	Mineral Owner INDIAN BASIN	Lease No.
---------------	----------------------------	-----------

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
G	23	21-S	23-E					Eddy

Latitude 32°27'52.502" Longitude 104°34'28.004"

**NATURE OF RELEASE**

Type of Release Gas	Volume of Release 282.11 MCF	Volume Recovered 0
Source of Release Utility Flare	Date and Hour of Occurrence 9/20/2009 10:04:00 PM	Date and Hour of Discovery 9/20/2009 10:04:00 PM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
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.* Cause: ACID GAS COMPRESSOR DOWN ON FOURTH STAGE HIGH DISCHARGE PRESSURE DUE TO FIFTH STAGE DISCHARGE VALVE FAILURE. Remedial Action Taken: CALLED OUT CONTRACT COMPRESSOR COMPANY TO REPLACE FIFTH STAGE DISCHARGE VALVES.		
Describe Area Affected and Cleanup Action Taken.* N/A		

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: <i>Clint Kirkes</i>	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Clint Kirkes	Approved by District Supervisor:	
Title: <i>Plant Specialist</i>	Approval Date:	Expiration Date:
E-mail Address: clinton_kirkes@oxy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: <i>9/21/2009</i> Phone: 575-628-4113		

\* Attach Additional Sheets If Necessary

## Chavez, Carl J, EMNRD

---

**From:** Chavez, Carl J, EMNRD  
**Sent:** Friday, July 24, 2009 3:21 PM  
**To:** 'Clinton\_Kirkes@oxy.com'  
**Cc:** Bratcher, Mike, EMNRD; VonGonten, Glenn, EMNRD  
**Subject:** C-141 Form Submittal Indian Basin Gas Plant Signed 7/17/2009 (2RP-22-0)

Clint:

The OCD has reviewed your C-141 Form for a 47 bbl. "major" release. The OCD has the following comments:

- 1) The form was not identified to be an initial report, since the final report should include sampling (TPH and BTEX) to with limits consistent w/ OCD Guidelines for Spill Remediation (see [http://www.emnrd.state.nm.us/oed/documents/7C\\_spill1.pdf](http://www.emnrd.state.nm.us/oed/documents/7C_spill1.pdf)).
- 2) A final report w/ photos, analytical data results (EPA Std. Methods for QA/QC), and C-138 Form indicating the location of disposition of waste removed from the facility and location, volume, etc, disposed is required to verify that cleanup actually occurred.
- 3) What was the type of released liquid? This was not specified in the C-141.
- 4) What is the OCD Discharge Permit number? 2RP-22-0?

Please provide responses to clarification questions above and be advised that the OCD is awaiting a final C-141 with the attached information requested above for the OCD Online File (2RP-22-0).

The OCD link to "Release Notification" may be found under the "Rules" section of the OCD Website (search for: § 19.15.29 NMAC).

Please contact me if you have questions. Thank you.

Carl J. Chavez, CHMM  
New Mexico Energy, Minerals & Natural Resources Dept.  
Oil Conservation Division, Environmental Bureau  
1220 South St. Francis Dr., Santa Fe, New Mexico 87505  
Office: (505) 476-3490  
Fax: (505) 476-3462  
E-mail: [CarlJ.Chavez@state.nm.us](mailto:CarlJ.Chavez@state.nm.us)  
Website: <http://www.emnrd.state.nm.us/oed/index.htm>  
(Pollution Prevention Guidance is under "Publications")

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

Form C-141  
Revised October 10, 2003

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

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2009 JUL 24 PM 1 23

Release Notification and Corrective Action

OPERATOR

Initial Report  Final Report

Name of Company OXY USA WTP LP	Contact CLINT KIRKES
Address 329 Marathon Rd. Lakewood	Telephone No. (575)628-4113
Facility Name Indian Basin Gas Plant	Facility Type Gas Processing

Surface Owner	Mineral Owner	Lease No.
---------------	---------------	-----------

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
G	23	21-S	23-E					

Latitude 32°27'52.502" Longitude 104°34'28.004"

NATURE OF RELEASE

Type of Release Liquid <u>Condensates</u>	Volume of Release 47 Bbls	Volume Recovered 46 Bbls
Source of Release 3" poly dump line from inlet separation to plant gun barrel	Date and Hour of Occurrence 07/12/2009 05:00am	Date and Hour of Discovery 7/12/2009 06:00am
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Mike Bratcher	
By Whom?	Date and Hour	
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.\*  
3" Poly line weld failed. Removed contaminated soil and transferred it to a waste bin. Eliminated 3" line during field repair.

Describe Area Affected and Cleanup Action Taken.\*  
Affected area was located south east of line 4 separator inside the south plant fence. Area: Width 5' Length 10' Depth 3'  
Removed contaminated soil by shovel and transferred it to a waste bin.

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>Clint Kirkes</u>	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Clint Kirkes	Approved by District Supervisor:	
Title: Plant Specialist	Approval Date:	Expiration Date:
E-mail Address: Clinton_Kirkes@oxy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 07/17/2009	Phone: (575)628-4113	

\* Attach Additional Sheets If Necessary