

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

MAR 17 2009

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

HOBBS OCD

Release Notification and Corrective Action

OPERATOR

Initial Report

Final Report

Name of Company: Range Operating New Mexico, Inc.	Contact: Chris Garcia
Address: PO Box 1570, Eunice, NM 88231	Telephone No.: 575-394-1485
Facility Name: Texaco Fee No. 1 Tank Battery	Facility Type: Oil & Gas
Surface Owner: B. McCafflin	Mineral Owner
API No. 30-025-35373	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
L	3	21S	37E	1730'	FSL	660'	FWL	Lea

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

NATURE OF RELEASE

Type of Release: Oil/ Hydrocarbon	Volume of Release: Approx. 9 bbls	Volume Recovered: 6 bbls
Source of Release: Broken site glass on heater treater	Date and Hour of Occurrence: Unknown	Date and Hour of Discovery: 1/21/08 @ 1600 hours
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom? Mark Whittaker	
By Whom? C. Winkler	Date and Hour: 22 January 2008 0900 hours	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. N/A	

If a Watercourse was Impacted, Describe Fully.\*

N/A

Describe Cause of Problem and Remedial Action Taken.\*

The site glass on the heater treater broke allowing oil to leak through the valve spilling within the battery berms, which is underlined by a 40 ml liner. No hydrocarbon material left the enclosed berm area of the tank battery. Vacuum trucks were called to the location to remove all standing hydrocarbon liquid, totaling 6 barrels.

Describe Area Affected and Cleanup Action Taken.\*

See Final C-141 Report for details.

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. 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>Chris Garcia</i>	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Chris Garcia	<i>J. Johnson</i> Approved by District Supervisor: ENVIRONMENTAL ENGINEER	
Title: Production Supervisor for Eunice/Loving Area	Approval Date: 3.18.08	Expiration Date:
E-mail Address: cgarcia@rangeresources.com	Conditions of Approval:	
Date: 23 January 2008 Phone: 575-394-1485	Attached <input type="checkbox"/> IRP # 184	

\* Attach Additional Sheets If Necessary

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side of form

**Release Notification and Corrective Action**

**OPERATOR**

Initial Report  **X** Final Report

Name of Company: Range Operating New Mexico, Inc.	Contact: Chris Garcia
Address: PO Box 1570, Eunice, NM 88231	Telephone No.: 575-394-1485
Facility Name: Texaco Fee No. 1 Tank Battery	Facility Type: Oil & Gas

Surface Owner: B. McCafflin	Mineral Owner	API No. 30-025-35373
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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
L	3	21S	37E	1730'	FSL	660'	FWL	Lea

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

**NATURE OF RELEASE**

Type of Release: Oil/ Hydrocarbon	Volume of Release: Aprox. 9 bbls	Volume Recovered: 6 bbls
Source of Release: Broken site glass on heater treater	Date and Hour of Occurrence: Unknown	Date and Hour of Discovery: 1/21/08 @ 1600 hours
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom? Mark Whittaker	
By Whom? C. Winkler	Date and Hour: 22 January 2008 0900 hours	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse: N/A	

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If a Watercourse was Impacted, Describe Fully.\*  
N/A

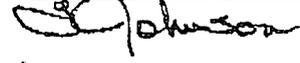
Describe Cause of Problem and Remedial Action Taken.\*

See Initial C-141 Report

Describe Area Affected and Cleanup Action Taken.\*

Due to the small amount of hydrocarbon material available for cleanup, a roustabout crew was called to shovel out the contaminated areas and temporarily deposit this material onto a plastic liner to be transported via truck to Sundance Disposal. Sand will be hauled to replace the 2 to 3 cubic yards of material removed.

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. 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>	
	 Approved by District Supervisor <b>ENVIRONMENTAL ENGINEER</b>	
Printed Name: Chris Garcia	Approval Date: 3-18-08	Expiration Date: _____
Title: Production Supervisor for Eunice/Loving Area	Conditions of Approval:	
E-mail Address: cgarcia@rangeresources.com	Attached <input type="checkbox"/>	
Date: 23 January 2008 Phone: 575-394-1485	1 RP # 1814	

\* Attach Additional Sheets If Necessary

Mr. Chris Garcia  
Area Production Supervisor, Eunice & Loving, NM  
Range Resources Corporation  
PO Box 1570  
Eunice, NM 88231

23 January 2008

Mr. Mark Whittaker  
OIL CONSERVATION DIVISION  
1625 N. French Drive  
Hobbs, NM 88240

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Re: *Texaco No. 1 Battery Spill Corrective Action Plan and Final Remediation Report*  
(API No.: 30-025-35373 U/L L S3 T21S R37E)

Dear Mr. Whittaker:

Pursuant to your telephone conversations with Cheryl Winkler, Range Operating Resources, Inc. (Range) herewith submits the following documents regarding the spill remediation on the Texaco No. 1 Tank Battery located at the above cited area for the purposes of satisfying the New Mexico Oil Conservation Division's (NMOCD) requirements for cleanup of said spill: (1) Initial C-141, (2) Final C-141

The site glass on the heater treater broke allowing oil to leak through the valve spilling within the battery, which is underlined by a 40 ml liner. No hydrocarbon material left the enclosed berm area of the tank battery. Vacuum trucks were called to the location to remove all standing hydrocarbon liquid (totaling 6 barrels) as soon as the spill was discovered at approximately 1600 hours on 21 January. The maximum spill is estimated to be not greater than 9 barrels. The contaminated soils from within the battery containment area were harvested and hauled to Sundance Disposal. These soils were later replaced with clean material from the area.

Subsequently due to the (1) small hydrocarbon release, (2) successful containment of it within the berm walls and (3) the fact that there is no definable danger to human health or the environment, Range herewith simultaneously submits this single report constituting its *Corrective Action Plan* and *Final Remediation Report* to satisfy NMOCD Regulatory Performance requirements.

Should you have questions please call the office (575-394-1485).

Sincerely,



Chris Garcia  
Production Supervisor for Eunice and Loving Areas

IRP#1814

Enclosures: Initial C-141 and Final C-141



# AE Order Number Banner

## Report Description

*This report shows an AE Order Number in Barcode format for purposes of scanning. The Barcode format is Code 39.*



**App Number: pCOH0807939629**

**1RP - 1813**

**CROWNQUEST OPERATING, LLC**

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Release Notification and Corrective Action

OPERATOR

Initial Report  Final Report

Name of Company: Crownquest Operating, LLC	Contact: Doug Vaughan
Address: PO Box 53310, Midland, TX 79710	Telephone No.: 432-818-0310
Facility Name: Federal 20 No. 5 SWD	Facility Type: Produced Water Flowline

Surface Owner: Norman Hahn	Mineral Owner: State of New Mexico	Lease No.: N/A off lease area
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LOCATION OF RELEASE

API # 30025208  
28238

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
NW	27	13	33E	NA	NA	NA	NA	Lea

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

WTR 65-75'

NATURE OF RELEASE

Type of Release: Produced Water	Volume of Release: Unknown	Volume Recovered: None
Source of Release: Punctured line	Date and Hour of Occurrence: Unknown	Date and Hour of Discovery: 22 February 2008 at 1700 Hours
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom? Larry Johnson	
By Whom? C. Winkler	Date and Hour: 3 March 08 Approx. 1300 Hours	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. N/A	

If a Watercourse was Impacted, Describe Fully.\*  
N/A

Describe Cause of Problem and Remedial Action Taken.\*  
In order to determine if there was a problem, it was necessary to pull samples and send them to the lab for analysis. There was no odor to this spill and probably it occurred long before Crownquest took over the property. There were some grasses still growing on it but Crownquest decided to check it out. The location of the spill is out in the middle of a pasture far from any facilities or roads. Laboratory results (attached) show there are some salts present. Consequently, approximately 30 tons were removed from the surface and hauled to disposal. Samples need to be taken again to determine if the problem still exists or if it will meet regulatory standards. There were no TPH indicators resulting from the infield evaluation. If any did exist, they likely long ago eroded away. The area is approximately 20' x 38' in size.

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.

Signature: <i>Doug Vaughan</i>	OIL CONSERVATION DIVISION <i>L. Johnson</i>	
Printed Name: Doug Vaughan	Approved by District Supervisor ENVIRONMENTAL ENGINEER	
Title: Drilling/Production Superintendent	Approval Date: 3.18.08	Expiration Date: 4.18.08
E-mail Address: dvaughan@crowquest.com	Conditions of Approval: Submitted Final C. #1 of 1 IRP # 1813	
Date: 11 March 2008 Phone: 432-818-0310	DOCUMENTATION BY	

\* Attach Additional Sheets If Necessary

f COH0807938811

**COPY**

**Summary Report**

Doug Vaughan  
Crownquest Operating, LLC  
303 Veterans Airpark Lane, Ste. 5100  
P.O. Box 53310  
Midland, TX, 79710

Report Date: February 27, 2008

Work Order: 8022718



Project Name: Pipeline Spill

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
151844	N 1/2 Area Composite	soil	2008-02-22	12:00	2008-02-27
151845	S 1/2 Area Composite	soil	2008-02-22	12:50	2008-02-27

**Sample: 151844 - N 1/2 Area Composite**

Param	Flag	Result	Units	RL
Chloride		13900	mg/Kg	5.00

**Sample: 151845 - S 1/2 Area Composite**

Param	Flag	Result	Units	RL
Chloride		12000	mg/Kg	5.00

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Mr. Doug Vaughan  
CROWNQUEST OPERATING, LLC  
303 Veterans Airpark Lane  
Suite 5100  
Midland, TX 79710

12 March 2008

Mr. Larry Johnson  
OIL CONSERVATION DIVISION  
1625 N. French Drive  
Hobbs, NM 88240

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Re: Federal 20 No. 5 SWD Suspected Spill

Dear Mr. Johnson:

Please find enclosed herewith, Crownquest Operating, LLC's Initial Form C-141 for information delineating the suspected spill as described below.

On or about 22 February 2008, a Crownquest Operating, LLC (Crownquest) representative discovered what might have been an old spill prior to the time Crownquest owned the property. Since there was little evidence to go on initially, samples were taken of the location that lies in the middle of ranch property located far from any facilities or roads. Thus, it was assumed that the polyline, which traverses this area from the Federal 20 No. 5 SWD carrying produced water, was likely the source of the spill. The spill is not a large area (approximately 20' x38') and is not found near any water sources; also depth to groundwater in this area ranges from ~~100 to 200'~~ 65-75' LT

Consequently, at this time Crownquest has engaged the removal of approximately 30 tons of soil from the effected area and hauled it to disposal. Samples need to be taken again to determine if there is any salt contaminate left and if so, how much. Therefore the *Corrective Action Plan*, herewith transmitted, shall consist of further defining the spill and if it is found to be outside regulatory standards, either (1) blend the contaminated material to regulatory standards or (2) haul it to disposal. In either case, NMOCD shall be notified and the analytical results discussed prior to any further infield action taken with the exception of that necessary to delineate the situation.

Should you have questions please call 432-894-5889 (cell) or 432-818-0300 (office) or contact our infield environmental representative, Cheryl Winkler at 406-431-2528 (cell).

Thank you for your consideration and assistance with our project.

Sincerely,

  
Doug Vaughan

Enclosed: Laboratory analyticals, Initial Form C-141