



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: pGRL1313727209

1RP - 2923

QUANTUM RESOURCES MANAGEMENT, LLC

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

Release Notification and Corrective Action

OPERATOR Initial Report Final Report

Name of Company	Quantum Resources	Contact	Martin Williams
Address	4000 N. Big Spring, Suite 305 Midland, TX 79705	Telephone No.	(432) 269-8667
Facility Name	M State Central Tank Battery	Facility Type	Battery

Surface Owner	State	Mineral Owner		Lease No.	
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LOCATION OF RELEASE API # 30-025-38961

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
A	30	22S	37E	594'	FNL	1119'	FEL	Lea

Latitude 32°22'6.009"N Longitude 103°11'50.486"W

NATURE OF RELEASE

Type of Release	Produced Water	Volume of Release	1800 barrels	Volume Recovered	0 barrels
Source of Release	Water Tank	Date and Hour of Occurrence	3/3/13	Date and Hour of Discovery	3/3/13 9:46 am
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	Geoffrey Leking		
By Whom?	Mike Burt	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.*
The valve to the water tank was accidentally shut off causing the water tank to overflow.

DTW = 90'

Describe Area Affected and Cleanup Action Taken.* A total of 46,611 sq ft of pasture and lease road was affected. Surface samples and verticals were taken and representative samples were taken to a commercial laboratory for analysis. Based on the initial sampling data, excavations were proposed at various depths to remove the contaminated soil. The area around Pt. 6, which had chloride contamination to 11 ft bgs, would be excavated to 4 ft bgs and a 20-mil reinforced poly liner would be installed. The liner would inhibit the downward migration of the remaining constituents to groundwater. NMOCD - District 1 approved the proposed excavation plan on March 29th, 2013. Site excavation for the liner installation began on April 17th, 2013. The site was excavated to 4 ft bgs and padded with 6 inches of imported sand. The liner was properly seated into the excavation and backfilled with imported sand. The remainder of the release was excavated per the NMOCD approved plan. A total of 1,896 yards of contaminated soil was disposed of at a NMOCD facility. Once each excavation was completed, samples were taken from walls and bottoms and field tested for chlorides and hydrocarbons. Representative samples from each excavation were taken to a commercial laboratory for analysis of chlorides and hydrocarbons. NMOCD - District 1 was notified on May 8th, 2013 of the final excavation sampling data and verbally approved the site to be backfilled. The excavations in the pasture were backfilled with the imported top soil and contoured to the surrounding location. The road scrape was backfilled with imported caliche and packed to provide a level driving surface. A total of 1,858 yards of top soil was imported to the site to serve as padding for the liner and as backfill. A total of 904 yards of caliche was imported to the site to serve as backfill for the road scrape. A sample of the imported top soil and caliche were taken to a commercial laboratory for analysis of chlorides. Both samples returned chloride results below 250 mg/kg.

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>Martin L. Williams</i>	OIL CONSERVATION DIVISION	
Printed Name: Martin Williams	<i>Geoffrey Leking</i> Approved by District Supervisor: Environmental Specialist	
Title: Safety and Environmental Coordinator	Approval Date: <u>5/16/13</u>	Expiration Date: <u>-</u>
E-mail Address: <u>Mwilliams@qracq.com</u>	Conditions of Approval: <u>-</u>	Attached <input type="checkbox"/>
Date: <u>16-May-2013</u> Phone: (432) 269-8667		<u>IRP-5-13-2923</u>

* Attach Additional Sheets If Necessary