

District I  
625 N. French Dr., Hobbs, NM 88240  
District II  
301 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, 2002

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

Release Notification and Corrective Action

OPERATOR

X Initial Report X Final Report

Name of Company	Marjo Operating Company, Inc.	Contact	Gary Rowell
Address	427 S. Boston, Ste. 240, Tulsa, OK 74101	Telephone No.	(918) 583-0241
Facility Name	Sunray State Tank Battery	Facility Type	Production Battery

Surface Owner	Carl L. Johnson	Mineral Owner	Fec	API No.	30-025-20220 (Well #1)
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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	11	10S	32E					Lea

Latitude N 33.45356° Longitude W 103.65168°

NATURE OF RELEASE

Type of Release- Produced Water and Oil	Volume of Release Unknown	Volume Recovered- Unknown
Source of Release- Tanks	Date and Hour of Occurrence- Unknown	Date and Hour of Discovery Unknown
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.\*

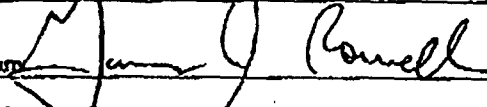
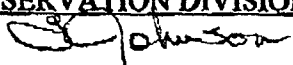
Describe Cause of Problem and Remedial Action Taken.\*

Tank battery is being re-built. Remedial action caused by approximately 30 years of activity at the site.

Describe Area Affected and Cleanup Action Taken

Visibly impacted soil from an area approximately 200' x 75', in and around the tank battery, will be excavated and disposed at an NMOCD approved disposal facility. The area will be backfilled with clean soil. The tank battery will be lined with 20 mil plastic that will extend over the firewalls.

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: Gary Rowell	Approved by District Supervisor: <b>ENVIRONMENTAL ENGINEER</b>	
Title: Geologist	Approval Date: 4.14.09	Expiration Date: _____
E-mail Address: Gary@marjoop.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 11/3/08 Phone: 918-583-0241		<b>1 RP# 1994</b>

\* Attach Additional Sheets If Necessary

FGRL 0910434297

# Ocotillo ENVIRONMENTAL

Dirt Work • On-Site Remediation • Soil Testing • Excavation

January 26, 2009

Mr. Larry Johnson  
New Mexico Oil Conservation Division – District I  
1625 French Drive  
Hobbs, New Mexico 88240

**RECEIVED**

JAN 30 2009

**HOBBSOCD**

**Re: Remediation Report  
Marjo Operating Company, Inc.,  
Sunray State Tank Battery,  
Unit Letter L (NW/4, SW/4), Section 11, Township 10 South, Range 32 East,  
Lea County, New Mexico  
N 33.45356°, W 103.65168°  
1RP # 1994**

Dear Mr. Johnson:

Marjo Operating Company, Inc. (Marjo) recently initiated the process of rebuilding the tank battery at the Sunray State site. Pursuant to your requests, the rebuild activity was suspended until horizontal and vertical delineation of potential TPH or brine impacts to soil was conducted, and a remediation strategy was approved by the New Mexico Oil Conservation Division (NMOCD). Figure 1 shows the location of the site.

Delineation activities were conducted on October 13, 2008, and a Remediation Workplan was submitted to your office on October 28, 2008. The Workplan proposed excavation of the impacted soil around the perimeter of the tank battery area to a depth of approximately one and a half (1.5) feet bgs, until visibly impacted soil was removed from the area, backfilling with clean soil, and lining the entire battery area with a 20 mil plastic liner prior to the reconstruction of the tank battery. On December 8, 2008, you granted verbal approval to remediate the tank battery area as proposed.

Remediation of the site began on December 15, 2008. The entire tank battery area (70' x 165') was excavated to a depth of approximately one and a half (1 ½) feet below ground surface (bgs), until a hard caliche rock layer was encountered. All excavated soil was removed to CRI disposal facility. The excavation was backfilled with clean soil from a State pit located approximately one mile north of the site. The battery was lined with a 20 mil plastic liner, firewalls were constructed per SPCC guidelines, and the battery was rebuilt.

Photographs of the remediation and construction are attached.. A Release Notification and Corrective Action Form (C141) for closure approval is also attached. Please call Mr. Gary Rowell at Marjo (918) 583-0241, extension 215, or myself at (575) 441-7244 if you have any questions. We may also be reached by email at [garyr@marjoop.com](mailto:garyr@marjoop.com) or [cindy.crain@gmail.com](mailto:cindy.crain@gmail.com).

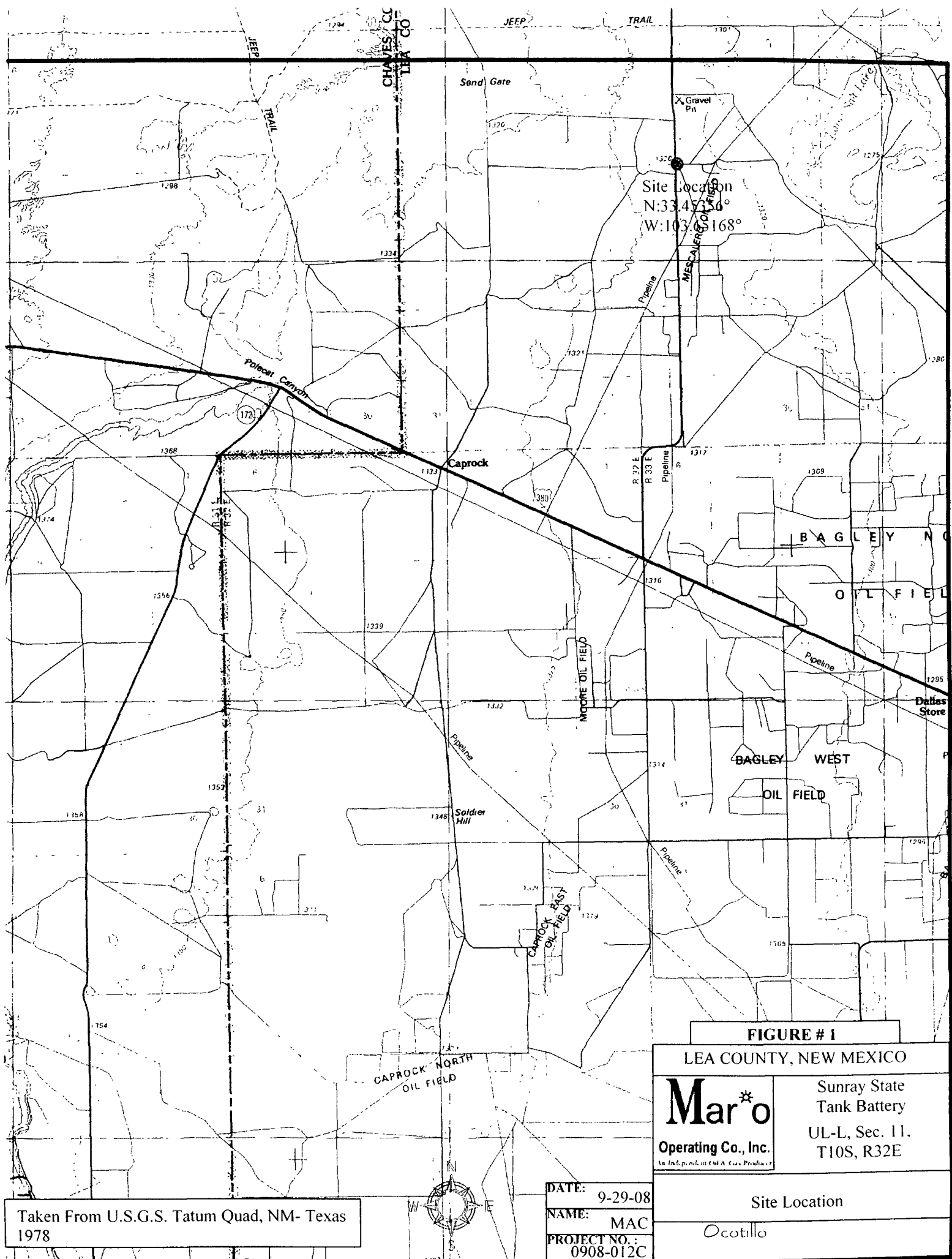
Sincerely,  
**Ocotillo Environmental, LLC.**



Cindy K. Crain, P.G.

cc: Mr. Gary Rowell – Marjo Operating Company, Inc.

## FIGURE



**FIGURE # 1**

LEA COUNTY, NEW MEXICO

**Mar<sup>o</sup>**  
Operating Co., Inc.  
An Independent Oil & Gas Producer

Sunray State  
Tank Battery  
UL-L, Sec. 11,  
T10S, R32E

Site Location

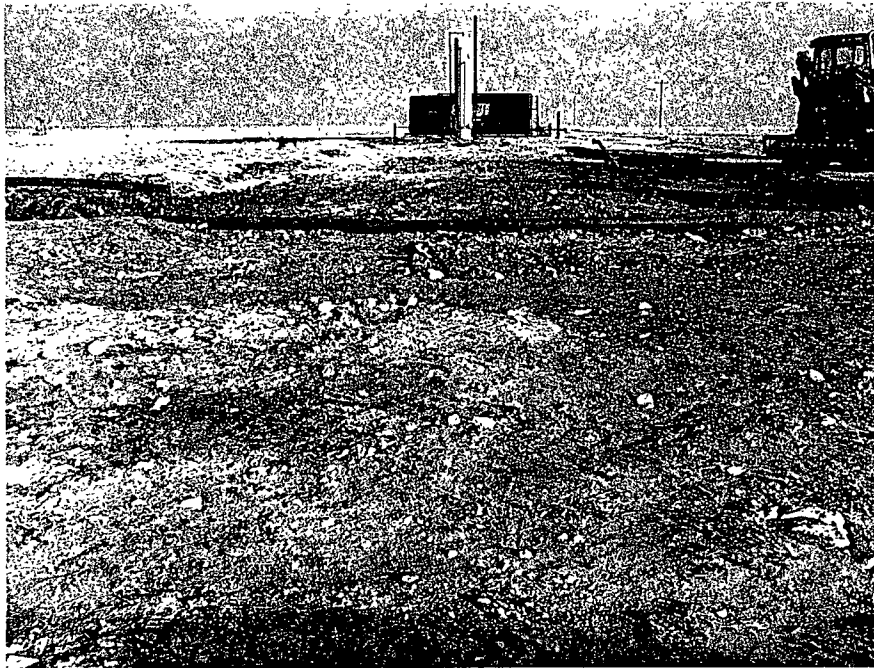
Ocotillo

DATE: 9-29-08  
NAME: MAC  
PROJECT NO.: 0908-012C

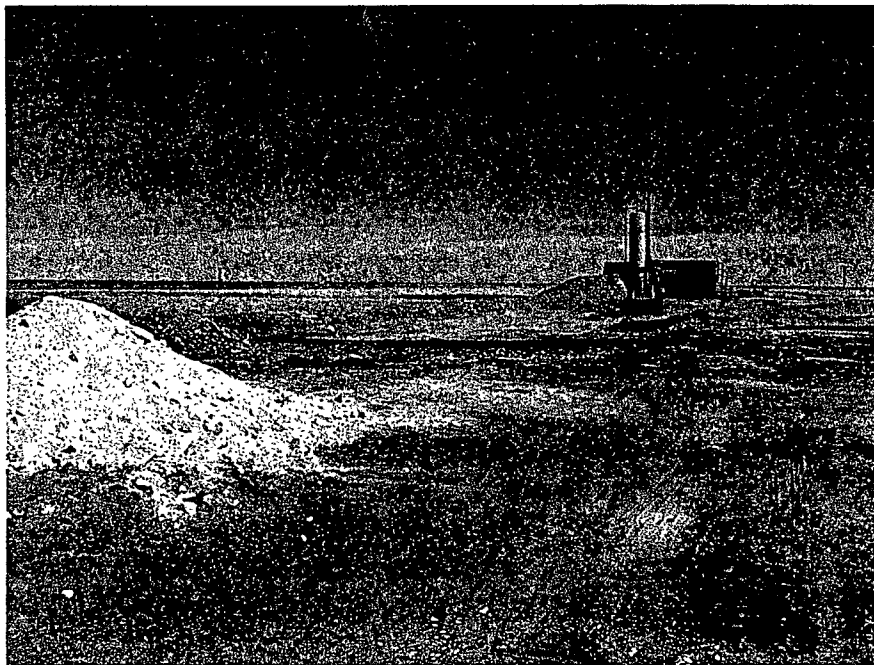
Taken From U.S.G.S. Tatum Quad, NM- Texas  
1978

## **PHOTOGRAPHS**

**MARJO OPERATING COMPANY, INC.**  
**Sunray State Tank Battery**

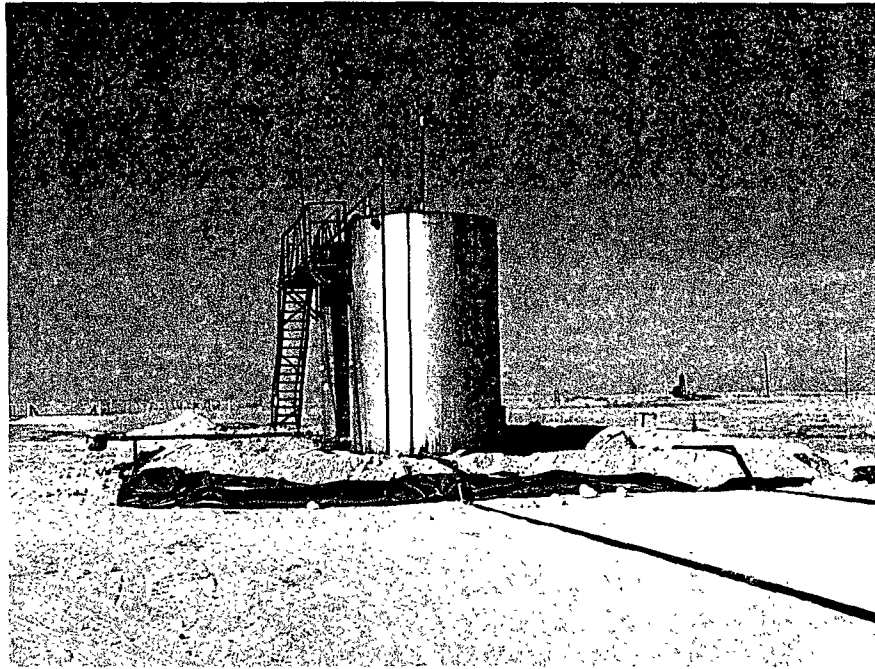


**1. View to east of excavation on 12-23-08.**

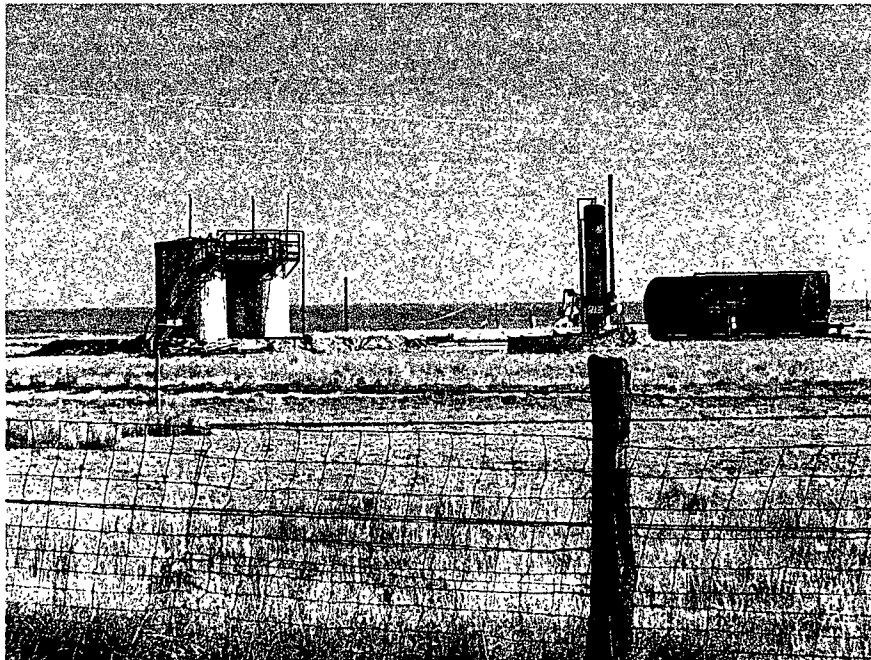


**2. View to east of excavation on 1/6/09, prior to backfill.**

**MARJO OPERATING COMPANY, INC.**  
**Sunray State Tank Battery**



**3. View to west of reconstructed tank battery (1/20/09).**



**4. View to north of reconstructed tank battery (1/20/09).**

**RELEASE NOTIFICATION AND CORRECTIVE ACTION FORM**

**C-141**



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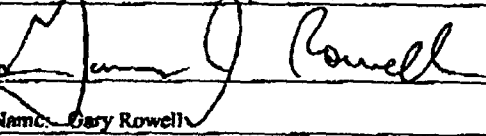
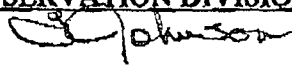
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Title: Geologist	Approval Date: 4.14.09	Expiration Date: _____
E-mail Address: Gary@marjoop.com	Conditions of Approval:	Attached <input type="checkbox"/>
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