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-144
June 1, 2004

**For drilling and production facilities**, submit to appropriate NMOCD District Office.
**For downstream facilities**, submit to Santa Fe office

# Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes ☒ No ☐
Type of action: Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank ☒

AUG 2004 RECEIVED OIL CONS. DIV. DIST. 3

Operator: San Juan Resources of Colorado Telephone: 505-327-4892 e-mail address: paul@walsheng.net
Address: 7415 East Main Street Farmington, NM 87402
Facility or well name: Kaempf #1E API #: 30-045-30818 U/L or Qtr/Qtr I Sec 19 T30N R11W
County: San Juan Latitude_____ Longitude_____ NAD: 1927 ☐ 1983 ☐ Surface Owner Federal ☒ State ☐ Private ☐ Indian ☐

| Pit | Below-grade tank |
|---|---|
| Type: Drilling ☒ Production ☐ Disposal ☐<br>Workover ☐ Emergency ☐<br>Lined ☐ Unlined ☒<br>Liner type: Synthetic ☐ Thickness_____mil Clay ☐<br>Pit Volume 2500 bbl | Volume: _____bbl Type of fluid: _____<br>Construction material: _____<br>Double-walled, with leak detection? Yes ☐ If not, explain why not. |

| | | |
|---|---|---|
| Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.) | Less than 50 feet<br>50 feet or more, but less than 100 feet<br>100 feet or more | (20 points)<br>(10 points)<br>( 0 points) |
| Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.) | Yes<br>No | (20 points)<br>( 0 points) |
| Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.) | Less than 200 feet<br>200 feet or more, but less than 1000 feet<br>1000 feet or more | (20 points)<br>(10 points)<br>( 0 points) |
| | **Ranking Score (Total Points)** | |

**If this is a pit closure:** (1) attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: (check the onsite box if your are burying in place) onsite ☒ offsite ☐ If offsite, name of facility_____. (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No ☐ Yes ☐ If yes, show depth below ground surface_____ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments:

I hereby certify that the information above is true and complete to the best of my knowledge and belief. **I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.**
Date: 08/17/04
Printed Name/Title Paul C. Thompson, P.E. Signature Paul C. Thompson

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval:
Printed Name/Title Denny Foust Signature DEPUTY OIL & GAS INSPECTOR, DIST. #3 Date AUG 23 2004

# Hall Environmental Analysis Laboratory

**Date:** *24-Jul-04*

**CLIENT:** iina ba, Ltd
**Lab Order:** 0407055
**Project:** 0406051
**Lab ID:** 0407055-01

**KAEMPF #1E**

**Client Sample ID:** 0406051-001A
**Collection Date:** 6/23/2004 7:30:00 AM
**Matrix:** SOIL

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **EPA METHOD 9056A: ANIONS** | | | | | | Analyst: **MAP** |
| Chloride | 880 | 15 | | mg/Kg | 50 | 7/20/2004 9:57:01 PM |
| **EPA METHOD 7471: MERCURY** | | | | | | Analyst: **IC** |
| Mercury | 0.058 | 0.033 | | mg/Kg | 1 | 7/20/2004 |
| **EPA METHOD 6010C: SOIL METALS** | | | | | | Analyst: **NMO** |
| Arsenic | ND | 2.5 | | mg/Kg | 1 | 7/13/2004 1:38:05 PM |
| Barium | 1400 | 10 | | mg/Kg | 100 | 7/13/2004 3:22:36 PM |
| Cadmium | ND | 0.10 | | mg/Kg | 1 | 7/13/2004 1:38:05 PM |
| Chromium | 3.3 | 0.30 | | mg/Kg | 1 | 7/13/2004 1:38:05 PM |
| Lead | 30 | 0.25 | | mg/Kg | 1 | 7/13/2004 1:38:05 PM |
| Selenium | ND | 2.5 | | mg/Kg | 1 | 7/13/2004 1:38:05 PM |
| Silver | ND | 0.25 | | mg/Kg | 1 | 7/13/2004 1:38:05 PM |

**Qualifiers:**

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Midwest Laboratories, Inc.℠
13611 "B" Street • Omaha, Nebraska 68144-3693 • (402) 334-7770 • FAX (402) 334-9121
www.midwestlabs.com

Report Number
04-191-2120

# REPORT OF ANALYSIS

**Mail to:** IINA BA LTD
JUDY MOORE
PO BOX 2606
FARMINGTON NM 87499-2606

For: ( 6833) IINA BA LTD
(505)325-5667

PO/Proj. #: ???
SOIL ANALYSIS

Date Reported: 07/09/04
Date Received: 07/02/04
Date Sampled: 06/23/04

Lab number: 988689 Sample ID: 0406051-001B **KAEMPF #1E**

| Analysis | Level Found | Units | Detection Limit | Method | Analyst-Date |
|---|---|---|---|---|---|
| Sodium Adsorption Ratio | 25.0 | | | CALCULATED | jpt-07/02 |
| Sodium (water soluble) | 2,380 | mg/L | 1.0 | SATURATED PASTE EXTRACT | jpt-07/09 |
| Magnesium (water soluble) | 4.0 | mg/L | 1.0 | SATURATED PASTE EXTRACT | jpt-07/09 |
| Calcium (water soluble) | 681 | mg/L | 1.0 | SATURATED PASTE EXTRACT | jpt-07/09 |
| Conductivity | 13.7 | mS/cm | 0.01 | SATURATED PASTE EXTRACT | dmg-07/09 |

$$ESP = \frac{100(-0.0126 + 0.01475(SAR))}{1 + (-0.0126 + 0.01475(SAR))}$$

$$ESP = \frac{100(-0.0126 + 0.01475(25))}{1 + (-0.0126 + 0.01475(25))}$$

$$ESP = \frac{35.6150}{1.3500} = 26.3815$$

Respectfully Submitted

Heather Ramig/Sue Ann Seitz/Rob Ferris
Client Services

*The above analytical results apply only to the sample(s) submitted.*