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

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

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

Form C-144

February 16, 2007

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 Telephone: (505) 632-3476 Operator: Elm Ridge Resources e-mail address: amackey1@elmridge.net Address: P.O. Box 156, Bloomfield, New Mexico, 87413 Facility or well name: __Jic Joint Venture KD #7 API #: <u>3003922152</u> ___ U/L or Qtr/Qtr __A Sec _4 T_23N R 3W County: Rio Arriba _Latitude <u>Unknown</u> Longitude Unknown NAD: 1927 ⊠ 1983 □ Surface Owner: Federal ☐ State ☐ Private ☐ Indian 🛛 Below-grade tank Type: Drilling | Production | Disposal | Volume: 90 bbl Type of fluid: Produced Water and Incidental Oil Workover ☐ Emergency ☐ Construction material: Fiberglass Lined Unlined Double-walled, with leak detection? Yes If not, explain why not. Liner type: Synthetic ☐ Thickness ____mil Clay ☐ Tank installed prior to Rule 50 Pit Volume Less than 50 feet (20 points) Depth to ground water (vertical distance from bottom of pit to seasonal 50 feet or more, but less than 100 feet (10 points) high water elevation of ground water.) 100 feet or more (0 points) n Yes (20 points) Wellhead protection area: (Less than 200 feet from a private domestic 0 No (0 points) water source, or less than 1000 feet from all other water sources.) Less than 200 feet (20 points) Distance to surface water: (horizontal distance to all wetlands, playas, 200 feet or more, but less than 1000 feet (10 points) irrigation canals, ditches, and perennial and ephemeral watercourses.) 1000 feet or more (0 points) 20 2.0 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 you 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: Soil sample passed 100 ppm TPH standard using USEPA Method 418.1 and the 100 ppm OVM standard. No excavation necessary. ROUN MAY 21 YOR DIST. 3 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 . Printed Name/Title Ms. Amy Mackey, Production Technician Signature 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. JUN 0 2 2008 DEPUTY DIL & GAS INSPECTOR, DIST. Printed Name/Title ______ Signature

TRAVEL NOTES: CIC. NO. SAMPLE ID. ASSOCIATE STATES SAMPLE ID. LAS NO. BEEL TANK. PIT PERIMETER BANDOR OF STATES CIC. NO. PAGE NO. 1 Of 1 PAGE NO. 1 Of 1 DATE STATED L. ARG. 1 ENCRONSINE L. MAR. 1 ENCROSTATE L. MAR. 1 ENCROSTATE L. MAR. 1 ENCRONSINE L. MAR. 1 E	CLIENT: EMRIDGE	Envirotech Inc.	LOCATION NO:
DOCATION: NAME CHICALAN COLOR WELL B: 7 PIT: QUAD/UNIT A SEC Y TWP 23 ARING 3 CM PM: MM CNTY (0) STATE OTR/FODTAGE 850' N 770' & CONTRACTOR: EXCAVATION APPROX - FT x FT x FT DEEP, CUBIC YARDAGE: M/A DISPOSAL FACILITY: N/A LEASE: 30 0372 152 FORMATION: FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 95 FT. 200' FROM WELLHEAD. BEFT TO GROUNDWATER LIGO' NEAREST VATER SOURCE 2/000 NEAREST SUBFACE VATER & 2/1000 MICH RANKING SCHIC 26 NEACCO THE CLISURE STD 106 PPM SOIL AND EXCAVATION DESCRIPTION: D. SCIEC 3 BCS Q 80 TK REMOVED BY STEEL TANK INSTALLED SCALE O FT OVM PIT PERIMETER RESULTS PIT PROFILE SAMPLE 1D. UAB NO. WEIGHT (g) Int. FREON OLUTION READING CALC. PPM 1000 200 30 TK REMOUNT 11 STANCE PIT PROFILE SAMPLE 1D. UAB NO. WEIGHT (g) Int. FREON OLUTION READING CALC. PPM PIT PERIMETER RESULTS PIT PROFILE SAMPLE 1D. UAB NO. WEIGHT (g) Int. FREON OLUTION READING CALC. PPM PIT PERIMETER RESULTS PIT PROFILE SAMPLE 1D. UAB NO. WEIGHT (g) Int. FREON OLUTION READING CALC. PPM PIT PERIMETER RESULTS PIT PROFILE SAMPLE 1D. UAB NO. WEIGHT (g) Int. FREON OLUTION READING CALC. PPM PIT PERIMETER RESULTS PIT PROFILE SAMPLE 1D. UAB NO. WEIGHT (g) Int. FREON OLUTION READING CALC. PPM PIT PERIMETER RESULTS PIT PROFILE SAMPLE 1D. UAB NO. WEIGHT (g) Int. FREON OLUTION READING CALC. PPM PIT PROFILE SAMPLE 1D. UAB NO. WEIGHT (g) INT. FREON OLUTION READING CALC. PPM PIT PROFILE SAMPLE 1D. UAB NO. WEIGHT (g) INT. FREON OLUTION READING CALC. PPM PIT PROFILE SAMPLE 1D. UAB NO. WEIGHT (g) INT. FREON OLUTION READING CALC. PPM PIT PROFILE SAMPLE 1D. UAB NO. WEIGHT (g) INT. FREON OLUTION READING CALC. PPM PIT PROFILE SAMPLE 1D. UAB NO. WEIGHT (g) INT. FREON OLUTION READING CALC. PPM PIT PROFILE SAMPLE 1D. UAB NO. WEIGHT (g) INT. FREON OLUTION READING CALC. PPM PIT PROFILE SAMPLE 1D. UAB NO. WEIGHT (g) INT. FREON OLUTION READING CALC. PPM PIT PROFILE PIT PRO		5796 U.S. HIGHWAY 64-3014 FARMINGTON, NEW MEXICO 87401	C.O.C. NO:
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EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:

Elm Ridge Resources

Project #:

03056-0102

Sample No.:

1

Date Reported:

4/18/2008

Sample ID:

Bottom @ 3' below BGT

4/1/2008

Sample Matrix:

Soil

Date Sampled: Date Analyzed:

4/1/2008

Preservative:

Cool

Analysis Needed: TPH-418.1

Condition:

Cool and Intact

		Det.
	Concentration	Limit
Parameter	(mg/kg)	(mg/kg)

Total Petroleum Hydrocarbons

56

5.0

ND = Parameter not detected at the stated detection limit.

References:

Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis

of Water and Waste, USEPA Storet No. 4551, 1978.

Comments:

Jic Joint Venture KD #7

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Josh Kirchner

Printed

Nicole Hayworth

Printed



CONTINUOUS CALIBRATION EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Cal. Date:

1-Apr-08

Parameter	Standard Concentration mg/L	Concentration Reading mg/L	
ТРН	100		
	200	203	
	500		
	1000		

The accepted percent relative deviation (%RSD) of the calibration factor is less than 20% over the working range.

Analyst Kindener	April 1, 2008
Analyst	Date
Josh Kirchner	
Printed	0
Micel, Hayarco	april 1, 2008
Review	Date /
Nicole Hayworth	
Printed	



May 9, 2008

Project No. 03056-0103

Ms. Amy Mackey Elm Ridge Resources P.O. Box 156 Bloomfield, New Mexico 87413

Phone (505) 774-6644

RE: BELOW GRADE TANK CLOSURE DOCUMENTS

Dear Ms. Mackey,

Enclosed, please find below-grade tank closure documents for your review and signature for the following sites:

Jic Joint Venture KD #3

The packet contains New Mexico Oil Conservation District (NMOCD) Form C-144 and Envirotech's Field Report: Closure Verification, field analysis documentation, and, if applicable, lab analysis documentation. Complete documentation of field headspace readings is included on the field report. Once signed, please forward to Mr. Brandon Powell, NMOCD, and keep a copy for your files.

We appreciate the opportunity to be of service. Should you have any questions or require additional information, please contact our office at (505) 632-0615.

Respectfully Submitted,

ENVIROTECH, INC.

Nicole Hayworth

Environmental Scientist

nhayworth@envirotech-inc.com

Enclosure: Pit Closure Documents