

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-144
February 16, 2007

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 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

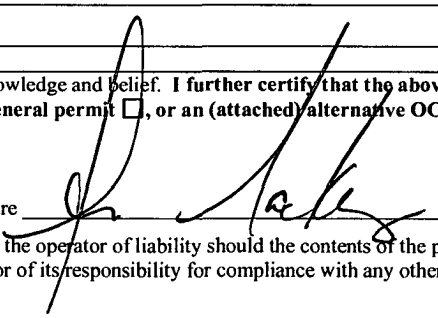
Operator: Elm Ridge Resources Telephone: (505) 632-3476 e-mail address: amackey1@elmridge.net
Address: P.O. Box 156, Bloomfield, New Mexico, 87413
Facility or well name: Jic Joint Venture KD #8 API #: 3003922153 U/L or Qtr/Qtr K Sec 4 T 23N R 3W
County: Rio Arriba Latitude Unknown Longitude Unknown NAD: 1927 1983
Surface Owner: Federal State Private Indian

Pit Type: Drilling <input type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input type="checkbox"/> Unlined <input type="checkbox"/> Liner type: Synthetic <input type="checkbox"/> Thickness _____ mil Clay <input type="checkbox"/> Pit Volume _____ bbl	Below-grade tank Volume: <u>90</u> bbl Type of fluid: <u>Produced Water and Incidental Oil</u> Construction material: <u>Fiberglass</u> Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not. <u>Tank installed prior to Rule 50</u>
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)	Less than 50 feet (20 points) 50 feet or more, but less than 100 feet (10 points) 100 feet or more (0 points) 0
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	Yes (20 points) No (0 points) 0
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet (20 points) 200 feet or more, but less than 1000 feet (10 points) 1000 feet or more (0 points) 20
	Ranking Score (Total Points) 20

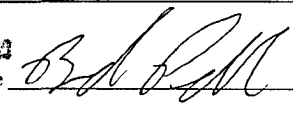
If this is a pit closure: (1) Attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: (check the onsite box if you are burying in place) onsite offsite If offsite, name of facility _____. (3) Attach a general description of remedial 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.
RCUD MAY 21 '08
OIL CONS. DIV.
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 .

Date: 5/15/08
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.

Approval: DEPUTY OIL & GAS INSPECTOR, DIST. 3 Signature  Date: JUN 02 2008

CLIENT: <u>Elmhurst</u>	ENVIROTECH INC. <small>ENVIRONMENTAL SCIENTISTS & ENGINEERS 5796 U.S. HIGHWAY 64-9014 FARMINGTON, NEW MEXICO 87401 PHONE: (505) 632-0815</small>	LOCATION NO: _____ C.O.C. NO: _____
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FIELD REPORT: CLOSURE VERIFICATION	PAGE No: <u>2</u> of <u>2</u>
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LOCATION: NAME: <u>Jicarilla Joint vent</u> ^{KD} WELL # <u>8</u> PIT: _____ QUAD/UNIT: <u>4</u> SEC: <u>4</u> TWP: <u>23</u> RNG: <u>36</u> PM: <u>NM</u> CNTY: <u>RA</u> ST: <u>nm</u> QTR/FOOTAGE: <u>1650' S 1850' W</u> CONTRACTOR: _____	DATE STARTED: <u>1-APRIL-08</u> DATE FINISHED: <u>1-APRIL-08</u> ENVIRONMENTAL SPECIALIST: <u>JKrueger</u>
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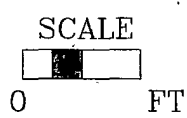
EXCAVATION APPROX <u>N/A</u> FT. x _____ FT. x _____ FT. DEEP. CUBIC YARDAGE: _____
DISPOSAL FACILITY: <u>N/A</u> REMEDIATION METHOD: <u>N/A</u>
LAND USE: <u>Grazing</u> LEASE: <u>30 03-922 153</u> FORMATION: _____

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY <u>45</u> FT. <u>0°</u> FROM WELLHEAD. DEPTH TO GROUNDWATER: <u>4100</u> NEAREST WATER SOURCE: <u>21000</u> NEAREST SURFACE WATER: <u>21000</u> NMOCD RANKING SCORE: <u>26</u> NMOCD TPH CLOSURE STD: <u>100</u> PPM	CHECK ONE : <input type="checkbox"/> PIT ABANDONED <input checked="" type="checkbox"/> STEEL TANK INSTALLED
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Soil AND EXCAVATION DESCRIPTION:
 Dissect 3' Below Tank Bottom
 90 BBL Fiberglass Remov steel tk installed

FIELD 418.1 CALCULATIONS

TIME	SAMPLE I.D	LAB No.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC ppm
815	2050				1	204	204
830	1		5	20	4	1	ND



PIT PERIMETER

OVM RESULTS

PIT PROFILE

	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>SAMPLE ID</th> <th>FIELD HEADSPACE PID (ppm)</th> </tr> </thead> <tbody> <tr><td>1</td><td>100</td></tr> <tr><td>2</td><td>1</td></tr> <tr><td>3</td><td></td></tr> <tr><td>4</td><td></td></tr> <tr><td>5</td><td></td></tr> </tbody> </table>	SAMPLE ID	FIELD HEADSPACE PID (ppm)	1	100	2	1	3		4		5		
SAMPLE ID	FIELD HEADSPACE PID (ppm)													
1	100													
2	1													
3														
4														
5														
LAB SAMPLES														
SAMPLE ID	ANALYSIS	TIME												

TRAVEL NOTES.	CALLOUT: _____	ONSITE: _____
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EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:	Elm Ridge Resources	Project #:	03056-0101
Sample No.:	1	Date Reported:	4/18/2008
Sample ID:	Bottom @ 3' below BGT	Date Sampled:	4/1/2008
Sample Matrix:	Soil	Date Analyzed:	4/1/2008
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
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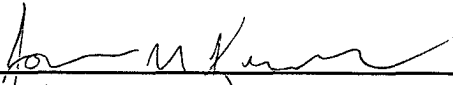
Total Petroleum Hydrocarbons	ND	5.0
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ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Jic Joint Venture KD #8**

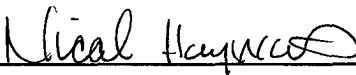
Instrument calibrated to 200 ppm standard. Zeroed before each sample



Analyst

Josh Kirchner

Printed



Review

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
TPH	100	
	200	204
	500	
	1000	

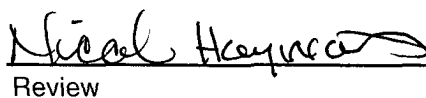
The accepted percent relative deviation (%RSD) of the calibration factor is less than 20% over the working range.



Analyst

Josh Kirchner

Printed



Review

Nicole Hayworth

Printed

22-Apr-08

Date

22 April 08

Date