

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  
June 1, 2004

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: #20 CR 5060, Bloomfield, New Mexico, 87413  
Facility or well name: Jicarilla Apache "F" No. 4 API #: 3003906009 U/L or Qtr/Qtr J Sec 18 T 25N R 5W  
County: Rio Arriba Latitude 36.397283 Longitude -107.39720 NAD: 1927 ☒ 1983 ☐  
Surface Owner: Federal ☐ State ☐ Private ☐ Indian ☒

**Pit**

Type: Drilling ☐ Production ☐ Disposal ☐  
Workover ☐ Emergency ☐  
Lined ☐ Unlined ☐  
Liner type: Synthetic ☐ Thickness \_\_\_\_\_ mil Clay ☐  
Pit Volume \_\_\_\_\_ bbl

**Below-grade tank**

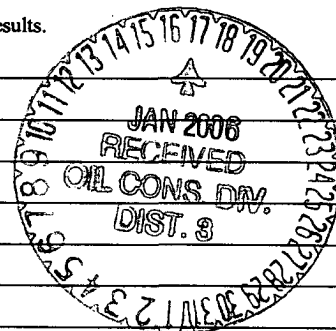
Volume: 40 bbl Type of fluid: Produced Water and Incidental Oil  
Construction material: Fiberglass  
Double-walled, with leak detection? Yes ☐ If not, explain why not.  
No, Tank in place prior to rule 50

Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)	Less than 50 feet	(20 points)	20
	50 feet or more, but less than 100 feet	(10 points)	
	100 feet or more	( 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	(20 points)	0
	No	( 0 points)	
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet	(20 points)	20
	200 feet or more, but less than 1000 feet	(10 points)	
	1000 feet or more	( 0 points)	
	Ranking Score (Total Points)	40	

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:**

The soils tested clean and no soil remediation was required.



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: 1/12/06

Printed Name/Title Ms. Amy Mackey, Production Technician

Signature Amy Mackey

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.

DEPUTY OIL & GAS INSPECTOR, DIST. 3

Approval:

Printed Name/Title \_\_\_\_\_

Signature Wendy Foote

Date: JAN 17 2006

CLIENT: _____	<b>ENVIROTECH INC.</b> <small>ENVIRONMENTAL SCIENTISTS &amp; ENGINEERS          5796 U.S. HIGHWAY 64-3014          FARMINGTON, NEW MEXICO 87401          PHONE: (505) 632-0615</small>	LOCATION NO: _____  C.O.C. NO: _____
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FIELD REPORT: CLOSURE VERIFICATION	PAGE No: <u>1</u> of <u>1</u>
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LOCATION: NAME: <u>Sanilla Apache "F"</u> WELL #: <u>4</u> PIT: <u>Sep</u> QUAD/UNIT: <u>NW/SE</u> SEC: <u>18</u> TWP: <u>25</u> RNG: <u>5</u> PM: <u>NM/M</u> CNTY: <u>Fu</u> ST: <u>NM</u> QTR/FOOTAGE: _____ CONTRACTOR: _____	DATE STARTED: <u>12/28/05</u> DATE FINISHED: <u>12/28/05</u> ENVIRONMENTAL SPECIALIST: <u>GWC</u>
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EXCAVATION APPROX. <u>0</u> FT. x <u>0</u> FT. x <u>0</u> FT. DEEP. CUBIC YARDAGE: <u>0</u>
DISPOSAL FACILITY: _____ REMEDIATION METHOD: _____
LAND USE: <u>Range</u> LEASE: _____ FORMATION: _____

FIELD NOTES & REMARKS:	PIT LOCATED APPROXIMATELY <u>40</u> FT. <u>110°</u> FROM WELLHEAD. DEPTH TO GROUNDWATER: <u>&lt;50</u> NEAREST WATER SOURCE: <u>&gt;100'</u> NEAREST SURFACE WATER: <u>1.200</u> NMOC D RANKING SCORE: <u>40</u> NMOC D TPH CLOSURE STD: <u>100</u> PPM SOIL AND EXCAVATION DESCRIPTION:
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Soil tested clean, no remediation required

CHECK ONE :  
☒ PIT ABANDONED  
☐ STEEL TANK INSTALLED

AST installed

SCALE

0 FT

TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm
1336	Composite		5.0	20	1	22	88

PIT PERIMETER

OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1	0
2	
3	
4	
5	

PIT PROFILE

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME

TRAVEL NOTES:	CALLOUT: _____	ONSITE: _____
36° 23.843N 107° 23.832W		

**EPA METHOD 418.1  
TOTAL PETROLEUM  
HYDROCARBONS**

Client:	Elm Ridge Resources	Project #:	03056-040-007
Sample No.:	1	Date Reported:	12/28/2005
Sample ID:	Composite sample beneath BGT	Date Sampled:	12/28/2005
Sample Matrix:	Soil	Date Analyzed:	12/28/2005
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		


Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	88.0	5.0

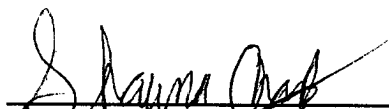
ND = Parameter not detected at the stated detection limit.

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

Comments: **Jicarilla Apache "F" No. 4**

Instrument calibration checked against 200 ppm standard. Zeroed before each sample

  
Analyst

  
Review