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**

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

Form C-144

June 1, 2004

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe. NM 87505

office

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes X No ... Type of action: Registration of a pit or below-grade tank \(\bigcup \) Closure of a pit or below-grade tank \(\bigcup \) e-mail address: amackey l@elmridge.net Telephone: (505) 632-3476 Operator: Elm Ridge Resources Address: #20 County Road 5060, Bloomfield, New Mexico, 87413 Facility or well name: Rocky Mountain No. 1 API #: 3003923608 __ U/L or Qtr/Qtr __N_Sec __24_ T__24N__R 2W_ NAD: 1927 🛛 1983 🔲 County: Rio Arriba Latitude 36,291554 Longitude -107.00382 Surface Owner: Federal State Private Indian Below-grade tank Type: Drilling ☐ Production ☒ Disposal ☐ Volume: ____bbl Type of fluid: Workover ☐ Emergency ☐ Construction material: Lined Unlined Double-walled, with leak detection? Yes If not, explain why not. Liner type: Synthetic Thickness ____ mil Clay _ Pit Volume 20 bbl 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.) 0 100 feet or more (0 points) Yes (20 points) Wellhead protection area: (Less than 200 feet from a private domestic No 0 (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.) 10 1000 feet or more (0 points) 10 **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 <u>Envirotech Landfarm #2</u>. (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: Approximately 288 cubic yards of contaminated soil was removed and disposed of at Envirotech's Landfarm #2 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 pittor below-grade tank has been/will be constructed or closed according to NMOCD guidelines [], a general permit [], or an (attach#d) alternative OCD-approved plan []. Ms. Amy Mackie - Production Technician 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. Signature Branson Touch Printed Name/Title

CLIENT:		Env	IROTECH	I INC.		LOCA	TION NE]:	
		5796 Farmin	TAL SCIENTISTS U.S. HIGHWAY GTON, NEW MEX NE: (505) 632-	64-3014 ICO 67401			C.D.C. NC]:	
FIELD REPORT: CLOSURE VERIFICATION						PAGE	No: _	of 2	
QUAD/UNIT: N SEC: 24 TWP: 24N RNG: 2W PM: HMPM CNTY: RA ST: NM QTR/FOOTAGE: 940 FSL 1850 FWL CONTRACTOR:							DATE STARTED: 3/15/06 DATE FINISHED: 3/28/06 ENVIRONMENTAL SPECIALIST: GWC		
EXCAVATION APPROX. 31 DISPOSAL FACILITY: E LAND USE: FIELD NOTES & REMAR	wirotec	LEASE IT LOCATED	Z R	EMEDIATI	ON METI	HOD: ORMATI	CAMO (A ON: _ FROM	WELLHEAD.	
DEPTH TO GROUNDWATER: >100 NEAREST WATER SOURCE: >1000 NEAREST SURFACE WATER: 200-1000 NMOCD RANKING SCORE: 10 NMOCD TPH CLOSURE STD: 1000 PPM CHECK ONE: X PIT ABANDONED STEEL TANK INSTALLED									
Approximately 288 cubic yaros of contaminates soil was transported to Envirotech's Lano Farem # 2 for remediation FIELD 418.1 CALCULATIONS									
	TIME	SAMPLE I.D.			 				
SCALE	1460	Wall compos		\$.0	20	Ψ	83	332	
D. Tom	1415	bottom co	mposite 6	5.0	70	4	1148	4592	
O FT PIT PERIME	ETER	1	OVM RESULT	 ع	PI'	r pr	OFILE		
See page #2	See Page #2 SAMPLE FIELD HEADSPACE PID (Apm) Sample FIELD HEADSPACE PID (Apm) Sample Sample Sample Sample Analysis Time		PAGE	page # 2					
TRAVEL NOTES: CALLOUT:			01	NSITE:					

CLIENT:		Env	IROTECI	H INC.		LOCA	N NOITA]:	
		ENVIRONMEN 5796 FARMIN PHO	TAL SCIENTISTS U.S. HIGHWAY GTON, NEW ME DNE: (505) 632	& ENGINEERS 64-3014 XICO 87401 -0615		1]:	
FIELD REPOR	T: CI	Losu	RE V	ERIFIC	ATION	PAGE	No:	1 of L	
LOCATION: NAME: Rocky Mountain WELL #: PIT:						DATE STARTED: 3/15/06 DATE FINISHED: 3/78/06			
QUAD/UNIT: N SEC: 24 TWP: 24N RNG: 2W PM:NMONT CNTY: RA ST: NMI QTR/FDDTAGE: 940 PM 1850 FWL CONTRACTOR: FIN Ridge						ENVIRO SPECIA	ENVIRONMENTAL GWZ		
EXCAVATION APPROX. 31 FT. x 22 FT. x 10 FT. DEEP. CUBIC YARDAGE: 286 251. DISPOSAL FACILITY: Envirotech LF 2 REMEDIATION METHOD: Land from LAND USE: FORMATION: FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 60' FT. 205° FROM WELLHEAD. DEPTH TO GROUNDWATER: >160 NEAREST WATER SOURCE: >1000 NEAREST SURFACE WATER: 200-1000									
NMOCD RANKING SCORE: 16			E STD: 10	PPM	×	********	CHECK ONE: PIT ABANDONED		
SOIL AND EXCAVATIO	N DESCRI	PTION:)			INSTALLED	
Well FR P4A				D 418.1 CAL					
SCALE		MPLE I.D. Bottom 10		WEIGHT (g)	mL. FREON	DILUTION	READING 223	S92	
0 FT PIT PERIME	LL ETER		OVM		<u> </u> Pid	PR	OFILE		
SAMPLE FELD HEJOSPACE PRO (ppm) 1 100 TO 55 2 3 4 5 LAB SAMPLES SAMPLES SAMPLES SAMPLE ANALYSIS TIME TRAVEL NOTES									
CALLOUT:			0	NSITE:					

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EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:

Elm Ridge Resources

Project #:

03056-040-029

Sample No.:

1

Date Reported:

4/14/2006

Sample ID:

Composite sample of walls

Date Sampled: 3/1

3/15/2006

Sample Matrix:

Soil

Date Analyzed:

3/15/2006

Preservative:

Cool

Analysis Needed:

TPH-418.1

Condition:

Cool and Intact

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

Total Petroleum Hydrocarbons

332.0

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:

Rocky Mountain No. 1

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

Analyst

Review



EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:

Elm Ridge Resources

Project #:

03056-040-029

Sample No.:

2

Date Reported:

4/14/2006

Sample ID:

Composite sample 6' below surface Date Sampled:

Date dampied.

3/28/2006

Sample Matrix:

Soil

Date Analyzed:

3/28/2006

Preservative:

Cool

Analysis Needed:

TPH-418.1

Condition:

Cool and Intact

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

Total Petroleum Hydrocarbons

4,592.0

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:

Rocky Mountain No. 1

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

Analyst

Review



EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:

Elm Ridge Resources

Project #:

03056-040-029

Sample No.:

3

Date Reported:

4/14/2006

Sample ID:

Composite sample 10' BGS

Date Sampled: 3/28/2006

Sample Matrix:

Soil

Date Analyzed:

3/28/2006

Preservative:

Cool

Analysis Needed:

TPH-418.1

Condition:

Cool and Intact

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

Total Petroleum Hydrocarbons

892.0

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:

Rocky Mountain No. 1

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

Analyst

Review