

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 ☒

RCVD DEC6'06
OIL CONS. DIV

DIST. 3

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: New Mexico State #1 API #: 3004523524 U/L or Qtr/Qtr O Sec 32 T 24N R 8W
County: San Juan Latitude 36.265766 Longitude -107.70216 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 40 bbl

Below-grade tank

Volume: bbl Type of fluid:

Construction material:

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

(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)

10

Ranking Score (Total Points)

10

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 Envirotech Landfarm #2. (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 396 cubic yards of contaminated soil was excavated and transported to Envirotech's NMOCD permitted landfarm for remediation

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: 12/1/06

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.

Approval: DEPUTY OIL & GAS INSPECTOR, DIST. 3

Printed Name/Title B. D. Bell

Signature B. D. Bell

Date: DEC 06 2006

ALPACOTECH INC.

5791 U.S. HIGHWAY 84-3014
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 684-0815

FIELD REPORT: CLOSURE VERIFICATION

PAGE No: 1 of 1

LOCATION: NAME: New Mexico State WELL #: 1 PIT: sep
QUAD/UNIT: SW/SE SEC: 32 TWP: 24N RNG: 8W PM: NMDM CNTY: San Juan ST: NM
QTR/FOOTAGE: _____ CONTRACTOR: Franks

DATE STARTED: 11/13/06

DATE FINISHED: 11/13/06

ENVIRONMENTAL SPECIALIST: *GWL*

EXCAVATION APPROX 40 FT. x 10 FT. x 15 FT. DEEP. CUBIC YARDAGE: 480 est.
DISPOSAL FACILITY: Envirotech 15[#] 2 REMEDIATION METHOD: Landfarm
LAND USE: Range LEASE: _____ FORMATION: _____

FIELD NOTES & REMARKS:	PIT LOCATED APPROXIMATELY <u>115</u> FT. <u>325°</u> FROM WELLHEAD.
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DEPTH TO GROUNDWATER: > 100 NEAREST WATER SOURCE: > 1,000 NEAREST SURFACE WATER: 200-1000

NMCD RANKING SCORE: 10 NMCD TPH CLOSURE STD: 1,000 PPM

CHECK ONE :

SOIL AND EXCAVATION DESCRIPTION:

X PIT ABANDONED

___ STEEL TANK INSTALLED

Visually impacted soil was excavated, after which confirmation samples were taken. Both wall and bottom sample passed, no further excavation needed.

36° 15.946' W
-107° 42.098' N

FIELD 418.1 CALCULATIONS

TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm
1515	Wall Comp.		5.0	20	4	5	20
1525	Bottom 215		5.0	20	4	19	76

SCALE

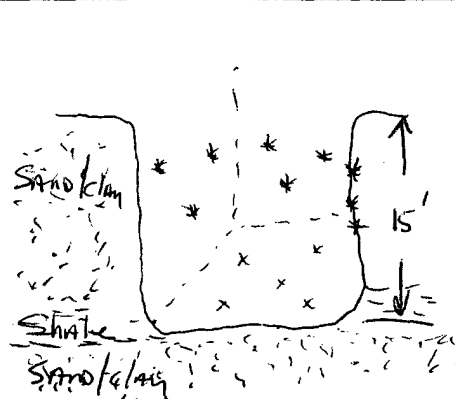


0 FT

PIT PERIMETER

OVM RESULTS

PIT PROFILE

[illegible]

TRAVEL NOTES:

CALLOUT: _____ ONSITE: _____

**EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS**

Client:	Elm Ridge Resources	Project #:	03056-040-058
Sample No.:	1	Date Reported:	11/13/2006
Sample ID:	Composite sample of Walls	Date Sampled:	11/13/2006
Sample Matrix:	Soil	Date Analyzed:	11/13/2006
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
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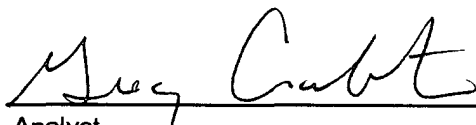
Total Petroleum Hydrocarbons	20.0	5.0
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ND = Parameter not detected at the stated detection limit.

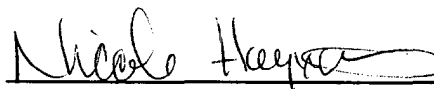
References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **New Mexico State #1, 2, 3 Tank Battery**

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



Analyst



Review

**EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS**

Client:	Elm Ridge Resources	Project #:	03056-040-058
Sample No.:	2	Date Reported:	11/13/2006
Sample ID:	Composite sample of Bottom at 15' BGS	Date Sampled:	11/13/2006
Sample Matrix:	Soil	Date Analyzed:	11/13/2006
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

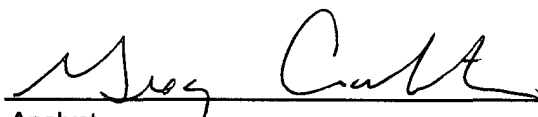
Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	76.0	5.0

ND = Parameter not detected at the stated detection limit.

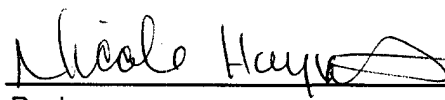
References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **New Mexico State #1, 2, 3 Tank Battery**

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



Analyst



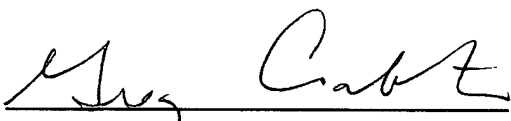
Review

CONTINUOUS CALIBRATION
EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Cal. Date: 13-Nov-06

Parameter	Standard Concentration mg/L	Concentration Reading mg/L
TPH	100	224
	200	
	500	
	1000	

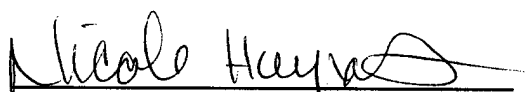
The accepted percent relative deviation (%RSD) of the calibration factor is less than 20% over the working range.



Analyst

11/13/06

Date



Review

11-27-06

Date

ENVIROTECH INC.

Bill of Lading

MANIFEST #

26571

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 11-15-06

JOB # 030576-646-058

LOAD		COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
NO.	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLs	COMPANY	TRK#	TIME	DRIVER SIGNATURE	
1	State of New Mexico #1	LF-2	Cont Soil	E-6	12		FRANKS	1	12:35	Francisco Flores	
2	State of New Mexico #1	LF-2	Cont Soil	E-6	12		FRANKS	2	12:35	James Beyale	
3	State of New Mexico #1	LF-2	Cont Soil	E-6	12		FRANKS	1	2:25	Francisco Flores	
4	State of New Mexico #1	LF-2	Cont Soil	E-7	12		FRANKS	2	12:35	James Beyale	
5	State of New Mexico #1	LF-2	Cont Soil	E-7	12		FRANKS	1	4:20	Francisco Flores	
6	State of New Mexico #1	LF-2	Cont Soil	E-7	12		FRANKS	2	4:30	James Beyale	
Jim Carls ENTERED 13 2006											

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME Francisco Flores COMPANY TRAPKS

SIGNATURE

COMPANY CONTACT *Jesus Villaobas* PHONE *632-5948*

DATE 11-15-06

san juan reproduction 578-126

ENVIROTECH INC.

Bill of Lading

26584

MANIFEST #

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 11-16-06

JOB #

LOAD

COMPLETE DESCRIPTION OF SHIPMENT

TRANSPORTING COMPANY

NO.	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLs	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	Elm Ridge	LF-2	Cont Soil	F-3	12		FRANKS	1204	8:00	Francisco Flores
2	State of NM #1	LF-2	Cont Soil	F-3	12		FRANKS	2	8:00	James Bayala
3	State of NM #1	LF-2	Cont Soil	F-2	12		FRANKS	2	9:50	James Bayala
4	State of NM #1	LF-2	Cont Soil	F-2	12		FRANKS	1	10:20	Francisco Flores
5	State of NM #1	LF-2	Cont Soil	F-3	12		FRANKS	2	11:40	James Bayala
6	State of NM #1	LF-2	Cont Soil	F-3	12		FRANKS	2	12:10	James Bayala
7	State of NM #1	LF-2	Cont Soil	F-2	12		FRANKS	1	12:20	Francisco Flores
8	State of NM #1	LF-2	Cont Soil	F-2	12		FRANKS	2	2:00	James Bayala
9	State of NM #1	LF-2	Cont Soil	F-2	12		FRANKS	1	2:55	Francisco Flores
10	State of NM #1	LF-2	Cont Soil	F-3	12		FRANKS	2	3:50	James Bayala
11	State of NM #1	LF-2	Cont Soil	F-3	12		FRANKS	1		Francisco Flores
					132					
										27435
										ENTERED NOV 22 2006

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME James Bayala

SIGNATURE James Bayala

COMPANY FRANKS

DATE 11-16-06

PHONE 632-5940

COMPANY CONTACT Jesus Villalobos

san juan reproduction 578-126

ENVIROTECH INC.

Bill of Lading

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

26628

MANIFEST #

DATE 11-17-06

JOB # 03056-040-053

[illegible]

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME Francis Co. Frank COMPANY FRANKS SIGNATURE _____

COMPANY CONTACT Jesus Villalobas
san juan reproduction 578-126

DATE 11-17-06

ENVIROTECH INC.

Bill of Lading

26652

MANIFEST #

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 11/20/06 JOB # 03050-040-058

[illegible]

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME FRANCO Flares COMPANY Franks SIGNATURE 

COMPANY CONTACT
san juan reproduction 578-126

PHONE _____

DATE 11/20/06

ENTERED NOV 22 2006

Bill of Lading

MANIFEST #

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 11-15-06 JOB # 03056-640-058

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME Francisco P. Ponce COMPANY FEARKS SIGNATURE [Signature]

COMPANY CONTACT Jesus Villalobos PHONE 632-5948 DATE 11-15-06

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added "

ENVIROTECH INC.

Bill of Lading

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

26586

MANIFEST #

DATE 11-16-06 JOB # 030SL-646-DSB

COMPLETE DESCRIPTION OF SHIPMENT				TRANSPORTING COMPANY			
LOAD	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLs	
1	LF-2	Elbridge State of NM #1	Clean Fill		12		Franks Day 8:10 Francisco Plm
2	LF-2	State of NM #1	Clean Fill		12		Franks 2 8:15 James Bayale
3	LF-2	State of NM #1	Clean Fill		12		Franks 2 10:00 James Bayale
4	LF-2	State of NM #1	Clean Fill		12		Franks 1 10:10 Francisco Plm
5	LF-2	State of NM #1	Clean Fill		12		Franks 2 11:40 James Bayale
6	LF-2	State of NM #1	Clean Fill		12		Franks 2 11:30 James Bayale
7	LF-2	State of NM #1	Clean Fill		12		Franks 1 12:40 Francisco Plm
8	LF-2	State of NM #1	Clean Fill		12		Franks 2 2:30 James Bayale
9	LF-2	State of NM #1	Clean Fill		12		Franks 1 4:10 Francisco Plm
					108		
	Jim Candener						27416
							ENTERED NOV 22 2006

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME James Bayale COMPANY Franks

SIGNATURE James Bayale DATE 11/16/06

COMPANY CONTACT Jesus D. H. Lopez PHONE 632-5948

50

COMPANY CON-
san jian reproduction 578-126

MANIFEST

JOB #

DATE 11-20-06

COMPANY CONTACT

PHONE

Bill of Lading

MANIFEST #

26673

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 11-21-06 JOB # 03056-040-058

LOAD		COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
NO.	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLs	COMPANY	TRK#	TIME	DRIVER SIGNATURE	
1	LF2	Elm Ridge St of NM 1	Clean Fill		12		Frank's Oil	1204	9:40	Francisco Flores	
2	"	"	"		12		Frank's Oil	1	9:42	James Begala	
3	LF2	"	"		12		Frank's Oil	1204	10:51	Francisco Flores	
4	"	"	"		12		Frank's Oil	1	10:54	James Begala	
5	"	"	"		12		Frank's Oil	1204	12:53	Francisco Flores	
6	"	"	"		12		Frank's Oil	1	12:55	James Begala	
7	"	"	"		12		Frank's Oil	1204	2:01	Francisco Flores	
8	"	"	"		12		Frank's Oil	1	2:13	James Begala	
					96						
Jim Cardenas							27524				
ENTERED NOV 27 2006											

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME JAMES BEYALE COMPANY FEAK'S

SIGNATURE James Boyle

COMPANY CONTACT Jesus V. 1/14/06as PHONE 632-0843
san juan reproduction 578-126

DATE 11-21-06