

Donna L. Zett
DEPUTY OIL & GAS INSPECTOR

FEB 23 1999

JICARILLA APACHE TRIBE
ENVIRONMENTAL PROTECTION OFFICE
P.O. BOX 507
DULCE, NEW MEXICO 87528

OK
SUBMIT 1 COPY TO
NATURAL RESOURCE DEPT
AND OIL & GAS ADMINISTRATION

Approved
PIT REMEDIATION AND CLOSURE REPORT

Operator: BILLCO ENERGY Telephone: (505) 325-3404
Address: P.O. Box 3038, FARMINGTON, NM 87499
Facility or Well Name: ELENBOGEN JICARILLA 55 #2
Location: Unit or Qtr/Qtr Sec SW/4 SW/4 Sec 35 T23N R3W County SANDOVAL
Pit Type: Separator Dehydrator Other BLOWDOWN
Land Type: RANGE

Pit Location: Pit dimensions: length 15, width 15, depth 2
(Attach diagram) Reference: wellhead X, other
Footage from reference: 110
Direction from reference: 45 Degrees East of North X
X West of South

Depth To Groundwater: (Vertical distance from contaminants to seasonal high water elevation of groundwater)	Less than 50 feet	(20 points)	<u>0</u>
	50 feet to 99 feet	(10 points)	
	Greater than 100 feet	(0 points)	
Distance to an Ephemeral Stream (Downgradient dry wash greater than ten feet in width)	Less than 100 feet	(10 points)	<u>0</u>
	Greater than 100 feet	(0 points)	
Distance to Nearest Lake, Playa, or Watering Pond (Downgradient lakes, playas and livestock or wildlife watering ponds)	Less than 100 feet	(10 points)	<u>0</u>
	Greater than 100 feet	(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)	<u>0</u>
	No	(0 points)	
Distance To Surface Water: (Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)	Less than 100 feet	(20 points)	<u>0</u>
	100 feet to 1000 feet	(10 points)	
	Greater than 1000 feet	(0 points)	

RANKING SCORE (TOTAL POINTS): 0

Date Remediation Started: 11-24-98 Date Completed: 11-24-98

Remediation Method: Excavation Approx. cubic yards 0
(Check all appropriate sections) Landfarmed Insitu Bioremediation
Other PIT SAMPLED PRIOR TO REMEDIAL EFFORTS

Remediation Location: Onsite Offsite NO REMEDIATION
(i.e. landfarmed onsite, name and location of offsite facility)

General Description of Remedial Action: Excavation

Groundwater Encountered: No X Yes Depth

Final Pit: Sample location see Attached Documents
Closure Sampling:
(if multiple samples, attach sample results and diagram of sample locations and depths)
Sample depth 5 pt composite from 2'-3'
Sample date 11-24-98 Sample time 1245

Sample Results

Soil: Benzene	(ppm)	<u> </u>	Water: Benzene	(ppb)	<u> </u>
Total BTEX	(ppm)	<u> </u>	Toluene	(ppb)	<u> </u>
Field Headspace	(ppm)	<u>ND</u>	Ethylbenzene	(ppb)	<u> </u>
TPH	(ppm)	<u>ND</u>	Total Xylenes	(ppb)	<u> </u>

Groundwater Sample: Yes No X (If yes, attach sample results)

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF

DATE 12-17-98 PRINTED NAME JEFFREY C. BLAGG
SIGNATURE Jeffrey C. Blagg AND TITLE NMPE 11607

AFTER REVIEW OF THE PIT CLOSURE INFORMATION, PIT CLOSURE IS APPROVED IN ACCORDANCE TO THE JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE.

APPROVED: YES X NO (REASON)

SIGNED: Ken C. Mc... DATE: 12-28-98

CLIENT: <u>BILCO</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: _____ C.D.C. NO: <u>6406</u>
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FIELD REPORT: CLOSURE VERIFICATION	PAGE No: <u>1</u> of <u>1</u>
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LOCATION: NAME: <u>JICARILLA 55</u> WELL #: <u>2</u> PIT: <u>Pot Blowdown</u> QUAD: UNIT: <u>M</u> SEC: <u>35</u> TWP: <u>23N</u> RNG: <u>3W</u> PM: <u>NM</u> CNTY: <u>SAND</u> ST: <u>NM</u> DIR/FOOTAGE: <u>SW/4 SW/4</u> CONTRACTOR: <u>NONE</u>	DATE STARTED: _____ DATE FINISHED: <u>11-24-98</u> ENVIRONMENTAL SPECIALIST: <u>JCB</u>
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PIT EXCAVATION APPROX <u>15</u> FT. x <u>15</u> FT. x <u>2</u> FT. DEEP. CUBIC YARDAGE: _____ DISPOSAL FACILITY: _____ REMEDIATION METHOD: _____ LAND USE: <u>RANGE</u> LEASE: <u>JICARILLA 55</u> FORMATION: <u>PC</u>
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FIELD NOTES & REMARKS:	PIT LOCATED APPROXIMATELY <u>110</u> FT. <u>N45°W</u> FROM WELLHEAD. DEPTH TO GROUNDWATER: <u>>100</u> NEAREST WATER SOURCE: <u>>1000</u> NEAREST SURFACE WATER: <u>>1000</u> NMDD BANKING SCORE: <u>0</u> NMDD TPH CLOSURE STD: <u>5000</u> PPM SOIL AND EXCAVATION DESCRIPTION:
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CHECK ONE:	
☒	PIT ABANDONED
☐	STEEL TANK INSTALLED
☐	FIBERGLASS TANK INSTALLED

PIT SAMPLED PRIOR TO ANY Remediation, OBTAINED 5-PT Composite from 2'-3' Depths. No Staining on pit surface, minor stain & HC ODOR FROM 2'-3'.
 CLAYER-SILTY-SAND, MOIST, COHESIVE, Green-BROWN.

FIELD 418.1 CALCULATIONS

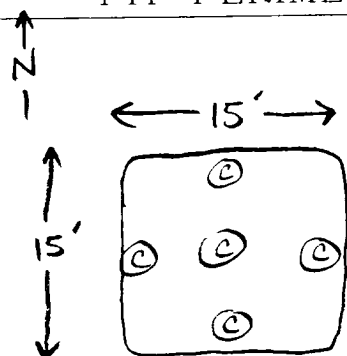
TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm

SCALE



0 FT

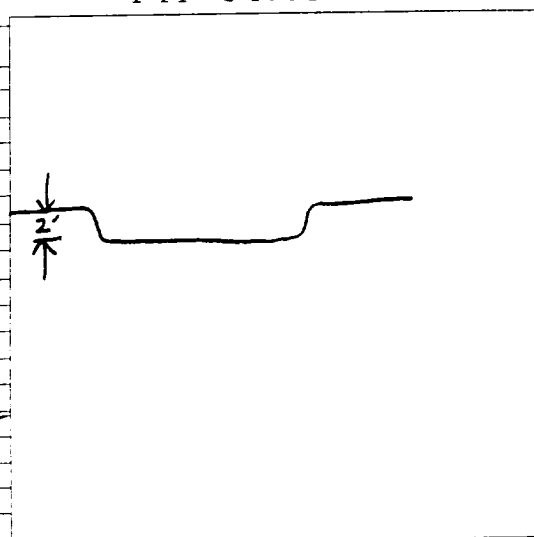
PIT PERIMETER



OVM RESULTS

SAMPLE I.D.	FIELD HEADSPACE PID (ppm)
15 PT Composite	ND

PIT PROFILE



LAB SAMPLES

SAMPLE I.D.	ANALYSIS	TIME
5 PT Composite	8015	1245

TRAVEL NOTES:	CALLOUT: _____	ONSITE: _____
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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

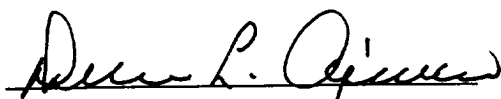
Client:	Blagg / Bilco	Project #:	04034-10
Sample ID:	Blow Pit, 5-point Composite	Date Reported:	11-25-98
Laboratory Number:	E215	Date Sampled:	11-24-98
Chain of Custody No:	6406	Date Received:	11-24-98
Sample Matrix:	Soil	Date Extracted:	11-25-98
Preservative:	Cool	Date Analyzed:	11-25-98
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Elenbogen #2.


Analyst


Review

6406

[illegible]