

District I
P.O. Box 1980, Hobbs, NM
District II
P.O. Drawer DD, Artesia, NM 88211
District III
1000 Rio Brazos Rd, Aztec, NM 87410

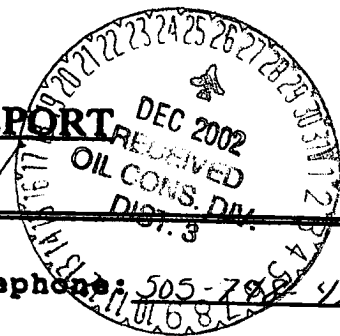
State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

SUBMIT 1 COPY
APPROPRIATE
DISTRICT OFFICE
AND 1 COPY TO
SANTA FE OFFICE

PIT REMEDIATION AND CLOSURE REPORT

30-045-09636



Operator: Yates Petroleum Corporation Telephone: 505-799-4223

Address: 105 S. 4th Street Artesia NM 88210

Facility Or: Furnessworth Gas Unit "B" Lease Well #1
Well Name

Location: Unit or Qtr/Qtr Sec SW 1/4 SE 1/4 Sec 8 T 30N R 13W County San Juan

Pit Type: Separator ☐ Dehydrator ☒ Other ☐

Land Type: BLM ☐ State ☐ Fee ☐ Other Private

Pit Location: Pit dimensions: length 22 feet ^{East/West}, width 16.5 feet ^{North/South}, depth 11 feet
(Attach diagram)

Reference: wellhead ☒, other ☐

Footage from reference: ~157 feet

Direction from reference: 9 Degrees ☐ East North ☒
of
☒ West South ☐

Depth To Ground Water:

(Vertical distance from
contaminants to seasonal
high water elevation of
ground water)

Less than 50 feet (20 points)
50 feet to 99 feet (10 points)
Greater than 100 feet (0 Points) 10

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 perennial
lakes, ponds, rivers, streams, creeks,
irrigation canals and ditches)

Less than 200 feet (20 points)
200 feet to 1000 feet (10 points)
Greater than 1000 feet (0 points) 0

RANKING SCORE (TOTAL POINTS):

10

Date Remediation Started: June 12, 2002 Dated Completed: 6-12-02 6-14-02 *Excavated Backfill*

Remediation Method: Excavation ☒
(Check all appropriate sections)

Landfarmed ☒

Approx. cubic yards ~136

Insitu Bioremediation ☐

Other ☐

Remediation Location: Onsite ☐ Offsite Tennaworth Gas Com A#1
(ie. landfarmed onsite, name and location of offsite facility)

General Description Of Remedial Action: Excavated dehydration pit to an extent of no visual staining, no odor, + OVM readings < 100 ppm. Landfarmed contaminated soil at the Tennaworth Gas Com A#1 landfarm. Backfilled excavated area when lab results were clear.

Landfarm: 1st Lift sampled 08-01-02 2nd Lift sampled 11-13-02

Ground Water Encountered: No ☒ Yes ☐ Depth ☐

Final Pit:
Closure Sampling:
(if multiple samples, attach sample results and diagram of sample locations and depths)

Sample location 5 point composite

Sample depth ~11 feet

Sample date ☐ Sample time ☐

Sample Results

Benzene(ppm) Not Detected at the Stated Detection Limit

Total BTEX(ppm) 10378 see analysis

Field headspace(ppm) 0.0ppm South Wall
0.0ppm North Wall

TPH Not Detected at the Stated Detection Limit

Ground Water Sample: Yes ☐ No ☒ (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 June 24, 2002

SIGNATURE Jodi Saunders Lee

PRINTED NAME Jodi Saunders Lee
AND TITLE Environmental Scientist / Geologist
Agent For Yates Petroleum

CLIENT: Jato Petroleum

ENVIROTECH Inc.

5796 US HWY. 64, FARMINGTON, NM 87401
(505) 632-0615

PIT NO: _____

C.O.C. NO: 09983

FIELD REPORT: CLOSURE VERIFICATION

JOB No: 00110-004PAGE No: 1 of 1LOCATION: NAME: Farmworth Gas Unit B WELL #: 1PIT: Daily PitDATE STARTED: 6-12-02QUAD/UNIT: SWSE SEC: 8 TWP: 30N RNG: 13W BM: _____CNTY: SJ ST: NMDATE FINISHED: 6-14-02

QTR/FOOTAGE: _____

CONTRACTOR: _____

ENVIRONMENTAL
SPECIALIST: _____SOIL REMEDIATION: EXCAVATION APPROX. 16.5 FT. x 22 FT. x 11 FT. DEEP.DISPOSAL FACILITY: Farmworth Gas Com A #1 CUBIC YARDAGE: ~136 yds³

LAND USE: _____ LEASE: _____

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 157 FEET ~279° FROM WELLHEAD.DEPTH TO GROUNDWATER: <100 ft NEAREST WATER SOURCE: 0.2 miles NEAREST SURFACE WATER: La Plata RiverNMCD RANKING SCORE: 10 NMCD TPH CLOSURE STD: 100 PPM

SOIL AND EXCAVATION DESCRIPTION:

South side next to daily cleaned up fast, SandBackfilled pit June 14, 2002

FIELD 418.1 CALCULATIONS

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

SCALE



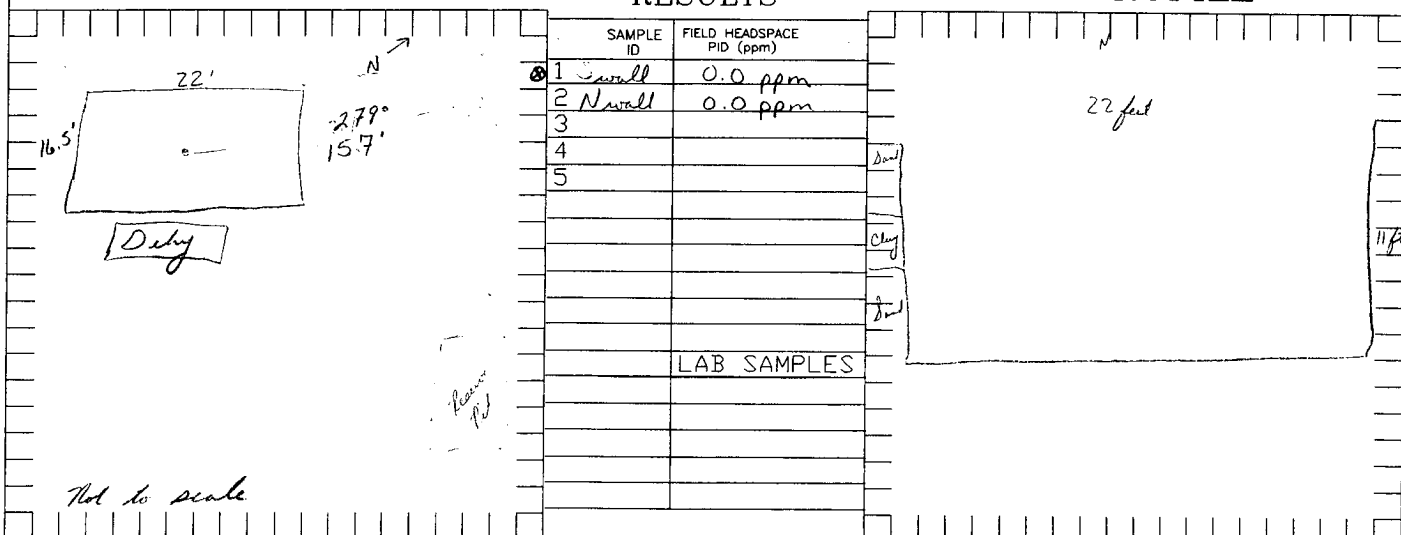
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FEET

PIT PERIMETER

OVM
RESULTS

PIT PROFILE



TRAVEL NOTES:

CALLOUT: _____ ONSITE: _____

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Yates Petroleum	Project #:	00110-004
Sample ID:	Dehy Pit	Date Reported:	06-13-02
Laboratory Number:	23044	Date Sampled:	06-12-02
Chain of Custody:	9983	Date Received:	06-13-02
Sample Matrix:	Soil	Date Analyzed:	06-13-02
Preservative:	Cool	Date Extracted:	06-13-02
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	1.8
Toluene	2.7	1.7
Ethylbenzene	9.4	1.5
p,m-Xylene	15.2	2.2
o-Xylene	10.5	1.0
Total BTEX	37.8	

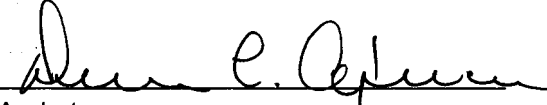
ND - Parameter not detected at the stated detection limit.

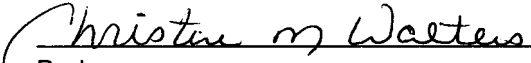
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	95 %
	1,4-difluorobenzene	95 %
	Bromochlorobenzene	95 %

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Farnsworth Gas Unit B #1 5 point composite.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

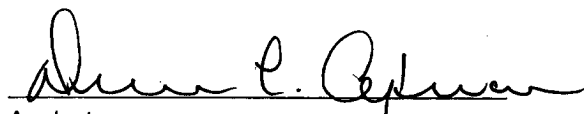
Client:	Yates Petroleum	Project #:	00110-004
Sample ID:	Dehy Pit	Date Reported:	06-13-02
Laboratory Number:	23044	Date Sampled:	06-12-02
Chain of Custody No:	9983	Date Received:	06-13-02
Sample Matrix:	Soil	Date Extracted:	06-13-02
Preservative:	Cool	Date Analyzed:	06-13-02
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

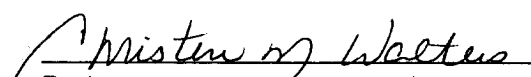
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

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: **Farnsworth Gas Unit B #1 5 point composite.**


Analyst


Review

CHAIN OF CUSTODY RECORD

09983

Client / Project Name			Project Location			ANALYSIS / PARAMETERS																	
John Peterson			Tannerwell No 2 Unit B #1																				
Sampler: JLS			Client No. 00110 - 004			No. of Containers			Remarks														
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	TPH 8015	BTEX 8021																	
Kaure Pit	6-12-02	318	23042	Soil	✓	✓					5 point composite												
Apurta Pit	6-12-02	340	23043	Soil	✓	✓					5 point composite												
Daly Pit	6-12-02	313	23044	Soil	✓	✓					5 point composite												
Relinquished by: (Signature) John Peterson			Date	Time	Received by: (Signature) Alan E. O'Brien			Date	Time														
Relinquished by: (Signature)					Received by: (Signature)																		
Relinquished by: (Signature)					Received by: (Signature)																		
ENVIROTECH INC. 5796 U.S. Highway 64 Farmington, New Mexico 87401 (505) 632-0615																							
Sample Receipt <table border="1"> <tr> <td></td> <td>Y</td> <td>N</td> <td>N/A</td> </tr> <tr> <td>Received Intact</td> <td>✓</td> <td></td> <td></td> </tr> <tr> <td>Cool - Ice/Blue Ice</td> <td>✓</td> <td></td> <td></td> </tr> </table>													Y	N	N/A	Received Intact	✓			Cool - Ice/Blue Ice	✓		
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