

District I
P.O. Box 1580, 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

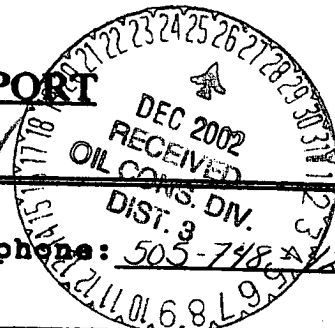
OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

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

OK

PIT REMEDIATION AND CLOSURE REPORT

30-045-09570



Operator: Jalos Petroleum Corporation Telephone: 505-748-1223

Address: 105 S 4th Street Artesia NM 88210

Facility Or: Furnace Oil Com A #1
Well Name

Location: Unit or Qtr/Qtr Sec B NW 1/4 NE 1/4 Sec 17 T. 30N R. 13W County San Juan

Pit Type: Separator ☐ Dehydrator ☒ Other ☐

Land Type: BLM ☐ State ☐ Fee ☐ Other Private

Pit Location: Pit dimensions: length 32 feet ^{east/west}, width 22 feet ^{north/south}, depth ~3 feet
(Attach diagram)

Reference: wellhead ☒, other ☐

Footage from reference: ~178 feet

Direction from reference: 12 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 13, 2002 Dated Completed: Excavation 6-13-02 Backfill 6-19-02

Remediation Method: Excavation ☒
(Check all appropriate sections)

Landfarmed ☒

Approx. cubic yards 28

Insitu Bioremediation ☐

Other _____

Remediation Location: Onsite ☒ Offsite ☐
(ie. landfarmed onsite, name and location of offsite facility)

General Description Of Remedial Action: Excavated dehydrator pit to an extent of no visual staining + OVM readings less than 100ppm. Excavated to no odor. Landfarmed contaminated soil on site. Backfilled excavated area when lab results were clean.

Landfarm: 1st Lift sampled 8-01-02 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 ~3 feet

Sample date June 13, 2002

Sample time 12:30

Sample Results

Benzene(ppm) Then Detected

Total BTEX(ppm) 22.8 ppm + 0.228 see analysis

Field headspace(ppm) 8.2 ppm south wall

30.5 ppm east wall

99.0 ppm north wall

TPH 0.5 mg/kg 17.1 ppm bottom

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: Jules Petroleum

ENVIROTECH Inc.

PIT NO: _____

5796 US HWY. 64, FARMINGTON, NM 87401
(505) 632-0615C.D.C. NO: 1001

FIELD REPORT: CLOSURE VERIFICATION

JOB No: 00110-004PAGE No: 1 of 1LOCATION: NAME: Farnsworth Gas Com A Well #1 PIT: Daily PitQUAD/UNIT: NW NE SEC: 17 TWP: 30N RNG: 13W BM: _____ CNTY: ST ST: NM

QTR/FOOTAGE: _____

CONTRACTOR: _____

DATE STARTED: 6-13-02DATE FINISHED: 6-19-02ENVIRONMENTAL
SPECIALIST: _____SOIL REMEDIATION: EXCAVATION APPROX. 22^{N/S} FT. x 32^{E/O} FT. x ~3 FT. DEEP.DISPOSAL FACILITY: Farnsworth Gas Com A*/CUBIC YARDAGE: ~28

LAND USE: _____ LEASE: _____

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 178 FEET ~192° FROM WELLHEAD.DEPTH TO GROUNDWATER: <100 ft NEAREST WATER SOURCE: 0.43 miles NEAREST SURFACE WATER: La Plata RiverNMDCD RANKING SCORE: 10 NMDCD TPH CLOSURE STD: 1000 PPM

SOIL AND EXCAVATION DESCRIPTION:

Cleaned up quicklyBackfilled pit June 19, 2002

FIELD 418.1 CALCULATIONS

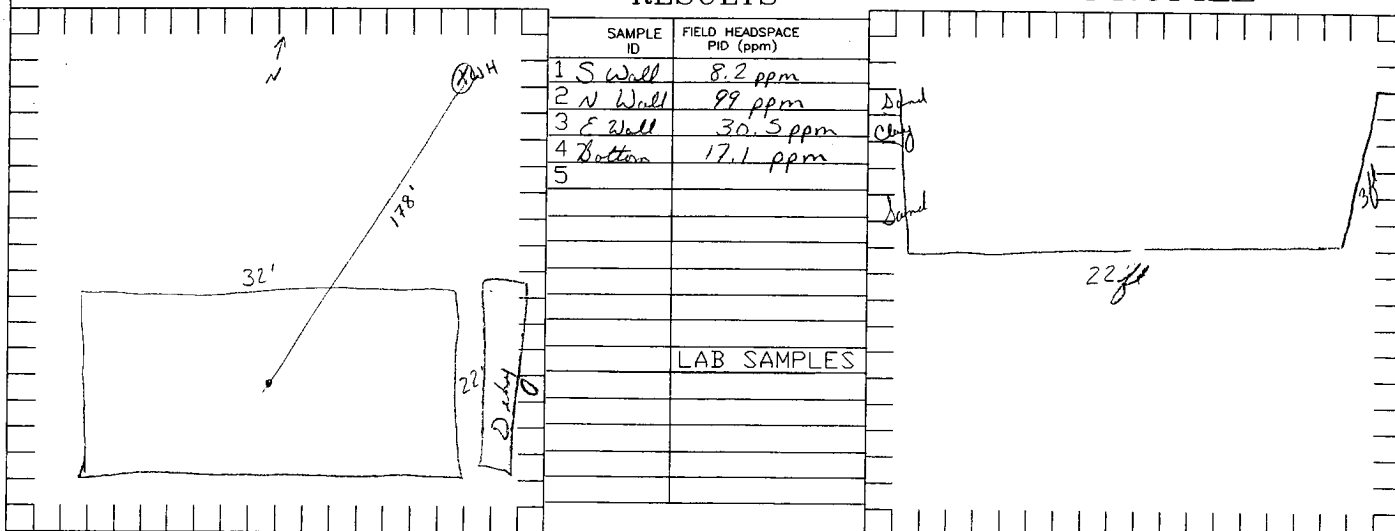
SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm

SCALE

0

FEET
PIT PERIMETEROVM
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:	06-17-02
Laboratory Number:	23054	Date Sampled:	06-13-02
Chain of Custody:	10001	Date Received:	06-13-02
Sample Matrix:	Soil	Date Analyzed:	06-17-02
Preservative:	Cool	Date Extracted:	06-14-02
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	1.8
Toluene	13.5	1.7
Ethylbenzene	9.3	1.5
p,m-Xylene	ND	2.2
o-Xylene	ND	1.0
Total BTEX	22.8	

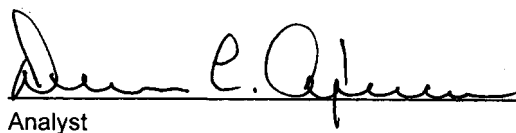
ND - Parameter not detected at the stated detection limit.

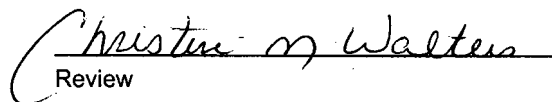
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	99 %
	1,4-difluorobenzene	99 %
	Bromochlorobenzene	99 %

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 A #1 5 Pt.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

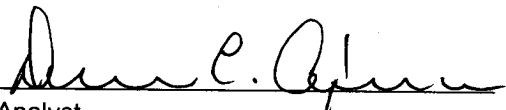
Client:	Yates Petroleum	Project #:	00110-004
Sample ID:	Dehy Pit	Date Reported:	06-17-02
Laboratory Number:	23054	Date Sampled:	06-13-02
Chain of Custody No:	10001	Date Received:	06-13-02
Sample Matrix:	Soil	Date Extracted:	06-14-02
Preservative:	Cool	Date Analyzed:	06-17-02
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

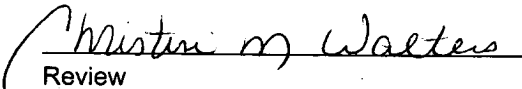
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	0.5	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	0.5	0.2

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 A #1 5 Pt.


Analyst


Review