

District I & GAS INSPECTOR
P.O. Box 1980, Hobbs, NM

State of New Mexico
Energy, Minerals and Natural Resources Dept.

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

District JAN 27 1999
P.O. Drawer DD, Artesia,
NM 88221

OIL CONSERVATION DIVISION
2040 S. Pacheco
Santa Fe, New Mexico 87504

District III
1000 Rio Brazos Rd, Aztec,
NM 87410

PIT REMEDIATION AND CLOSURE REPORT

Operator: Caulkins Oil Company

Telephone: (505) 632-1544

Address: P.O. Box 340, Bloomfield, NM 87413

Facility or Well Name: Breech "D" 685

Location: Unit or Qtr/Qtr L Sec 11 T 26N R 6W County Rio Arriba

Pit Type: Separator X Dehydrator Other

Land Type: BLM X, State , Fee , Other

Pit Location: Pit dimensions: length 48', width 33', depth 12'
(Attach diagram)

References: wellhead X, other

Footage from reference: 72'

Direction from reference: 340 Degrees East North X
of
X 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)	<u>0</u>

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)	<u>0</u>

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)	<u>0</u>

RANKING SCORE (TOTAL POINTS): 0

Date Remediation Started: 5-97 Date Completed: 8-14-97

Remediation Method: Excavation X Approx. cubic yards 704

Check all appropriate
sections)

Landfarmed X Insitu Bioremediation _____

Other _____

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

General Description of Remedial Action: Aeration and Dilution

Ground Water Encountered: No X Yes Depth

Final Pit:

Closure Sampling:

(if multiple samples,
attach sample results
and diagram of sample

Sample Location Bottom of pit and landfarm

Sample depth 14'

Sample date 6-5-97 Sample time 3:10 p.m.

Benzene (ppm) _____

Total BTEX (ppm) ND

Field headspace (ppm) _____

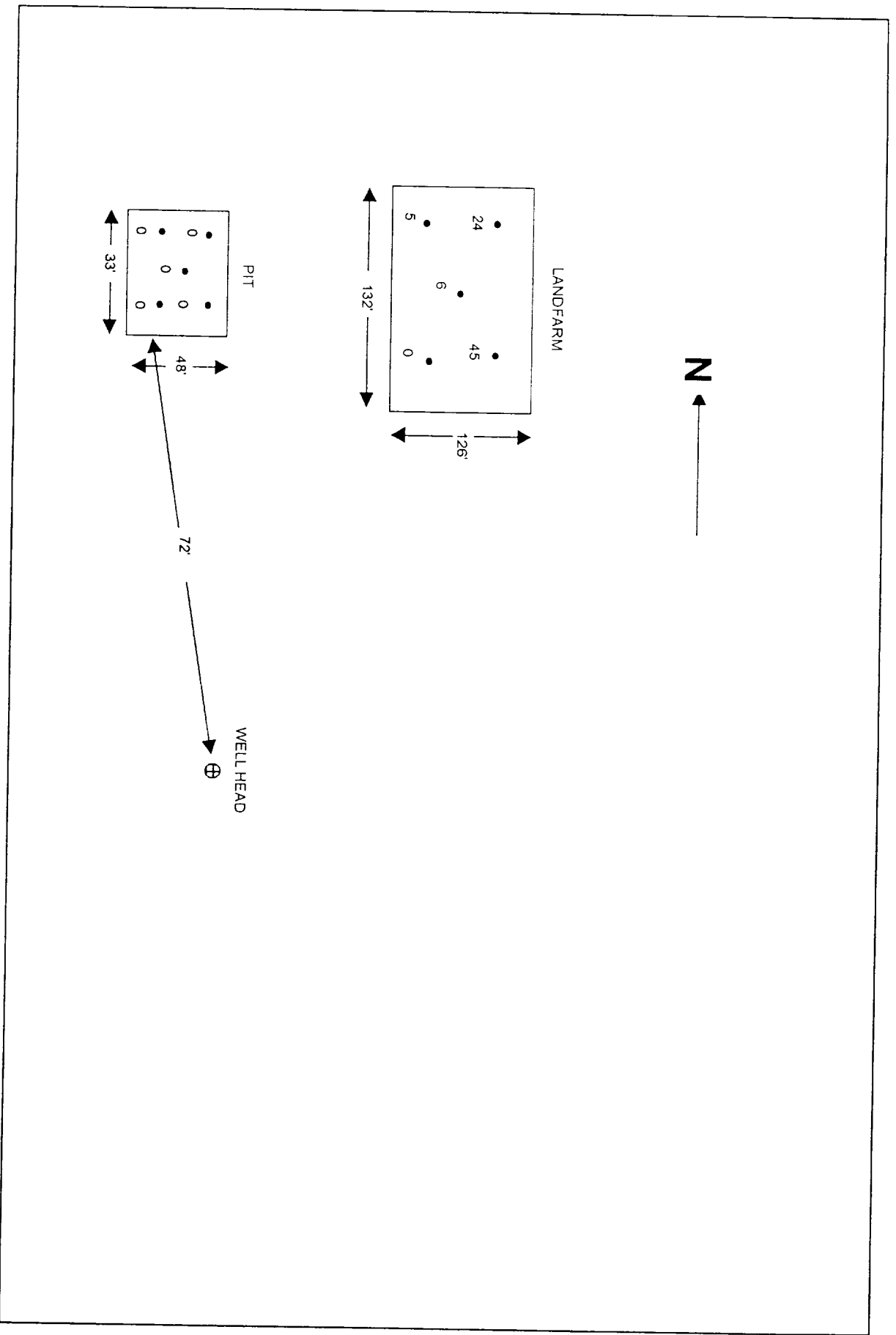
TPH ND

Ground Water 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 October 6, 1998

SIGNATURE Robert L. Verquer PRINTED NAME
AND TITLE ROBERT L. VERQUER, SUPERINTENDENT





Organic Analysis - Pit Closure

Caulkins Oil Company

Project ID: Breech Pits
Sample ID: Breech D 685 - Landfarm
Lab ID: 7029
Sample Matrix: Soil

Report Date: 06/30/97
Date Sampled: 06/05/97
Date Received: 06/06/97
Preservative: Cool
Condition: Intact

Target Analyte	Concentration (mg/kg)	Detection Limit (mg/kg)
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Total Aromatic Hydrocarbons

ND

Benzene	ND	0.42
Toluene	ND	0.42
Ethylbenzene	ND	0.42
m,p-Xylenes	ND	0.83
o-Xylene	ND	0.42

Total Volatile Petroleum Hydrocarbons

ND

37.5

Total Recoverable Petroleum Hydrocarbons

ND

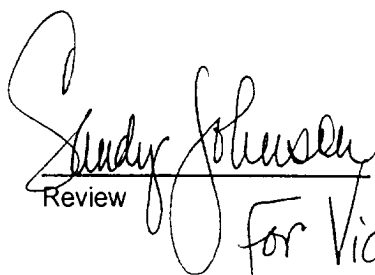
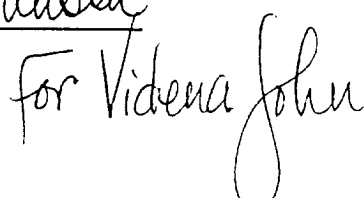
31.1

Quality Control:	Surrogate	Percent Recovery	Acceptance Limits
	Trifluorotoluene	96	81 - 117%
	Trifluorotoluene	95	50 - 150 %
	o-Terphenyl	89	50 - 150%

Reference: Method 5030, Purge and Trap; Method 8020, Aromatic Recoverable Organics;
Test Methods for Evaluating Solid Wastes, SW-846, United States
Environmental Protection Agency, Final Update I, July, 1992.

EPA Method 8015A, modified. "Nonhalogenated Volatile Organics by Gas
Chromatography." Test Methods for Evaluating Solid Waste, Physical/
Chemical Methods, SW-846, 3rd Ed, Final Update I, July, 1992. USEPA.

Comments:


Review




Organic Analysis - Pit Closure

Caulkins Oil Company

Project ID: Breech Pits
Sample ID: Breech D 685 - Pit
Lab ID: 7028
Sample Matrix: Soil

Report Date: 06/30/97
Date Sampled: 06/05/97
Date Received: 06/06/97
Preservative: Cool
Condition: Intact

Target Analyte	Concentration (mg/kg)	Detection Limit (mg/kg)
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Total Aromatic Hydrocarbons

ND

Benzene	ND	0.35
Toluene	ND	0.35
Ethylbenzene	ND	0.35
m,p-Xylenes	ND	0.70
o-Xylene	ND	0.35

Total Volatile Petroleum Hydrocarbons

ND

31.7

Total Recoverable Petroleum Hydrocarbons

ND

29.9

Quality Control:

Surrogate

Percent Recovery

Acceptance Limits

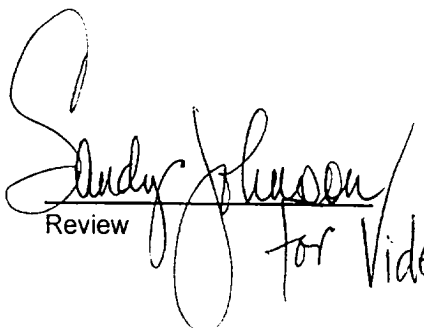
Trifluorotoluene	93	81 - 117%
Trifluorotoluene	92	50 - 150 %
o-Terphenyl	86	50 - 150%

Reference:

Method 5030, Purge and Trap; Method 8020, Aromatic Recoverable Organics;
Test Methods for Evaluating Solid Wastes, SW-846, United States
Environmental Protection Agency, Final Update I, July, 1992.

EPA Method 8015A, modified. "Nonhalogenated Volatile Organics by Gas
Chromatography." Test Methods for Evaluating Solid Waste, Physical/
Chemical Methods, SW-846, 3rd Ed, Final Update I, July, 1992. USEPA.

Comments:


Review for Videna John

WELL NAME: Breech D 685

CAULKINS OIL
SITE SECURITY DIAGRAM

