

District I

P.O. Box 1980, Hobbs, NM 88221

District II: 271993

P.O. Drawer 60, Artesia,
NM 88221

District III

1000 Rio Brazos Rd, Aztec,
NM 87410

State of New Mexico

INSPECTOR Energy, Minerals and Natural Resources Dept.

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

OIL CONSERVATION DIVISION

2040 S. Pacheco

Santa Fe, New Mexico 87504

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 "E" 102

Location: Unit or Qtr/Qtr N Sec 5 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 24', width 24', depth 12'
(Attach diagram)

References: wellhead X, other

Footage from reference: 120'

Direction from reference: 160 Degrees X East North
of
 West South X

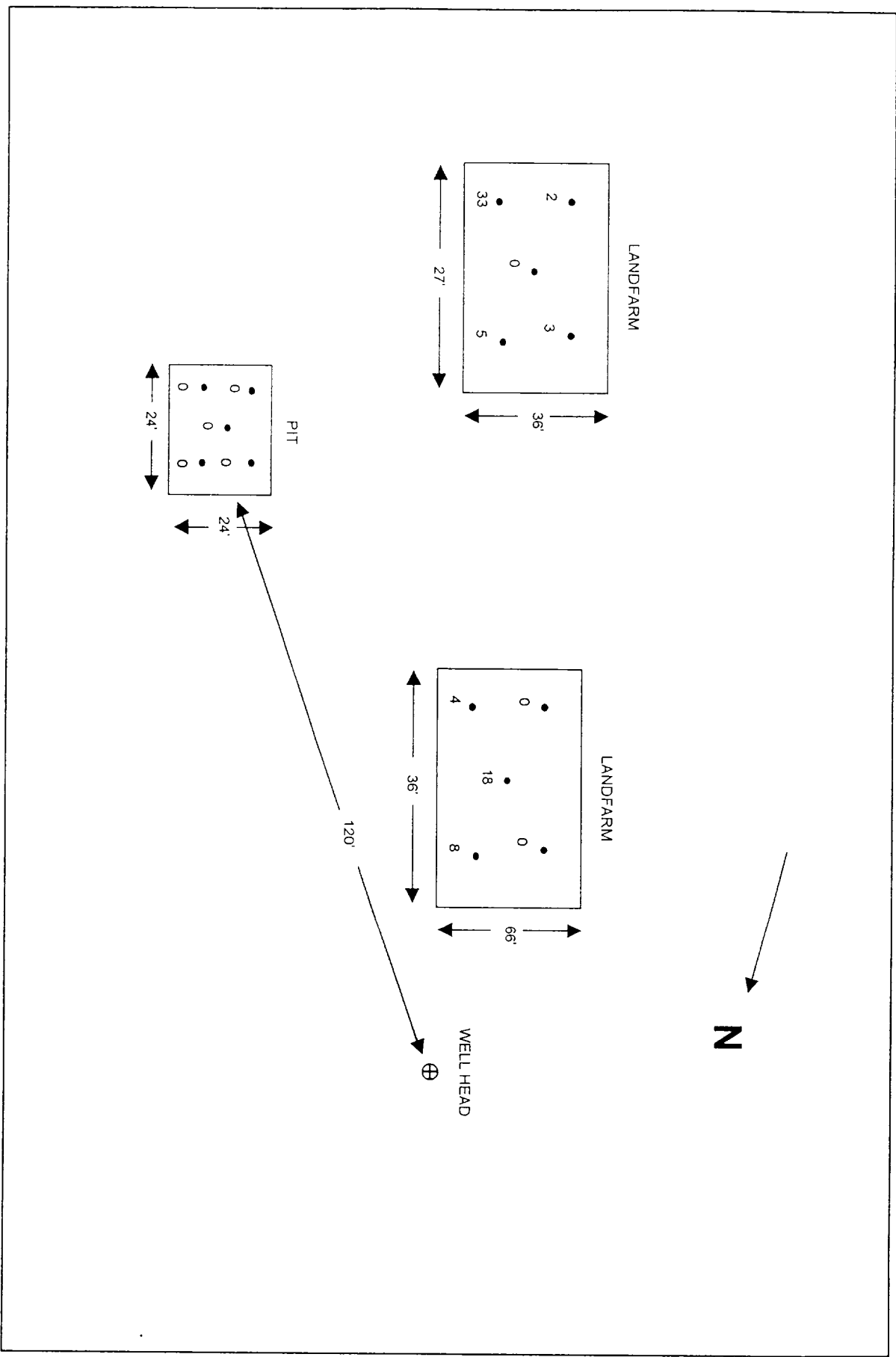
Depth to Ground Water: (Vertical distance from contaminants to seasonal high water elevation of ground water)	Less than 50 feet	(20 points)	
	50 feet to 99 feet	(10 points)	
	Greater than 100 feet	(0 points)	<u>0</u>

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

AND TITLE ROBERT L. VERQUER, SUPERINTENDENT





Organic Analysis - Pit Closure

Caulkins Oil Company

Project ID: Breech Pits
Sample ID: Breech E 102 - Landfarm
Lab ID: 7025
Sample Matrix: Soil

Report Date: 06/30/97
Date Sampled: 06/04/97
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	0.73
Toluene	ND	0.73
Ethylbenzene	ND	0.73
m,p-Xylenes	ND	1.47
o-Xylene	ND	0.73

Total Volatile Petroleum Hydrocarbons

ND

66.0

Total Recoverable Petroleum Hydrocarbons

ND

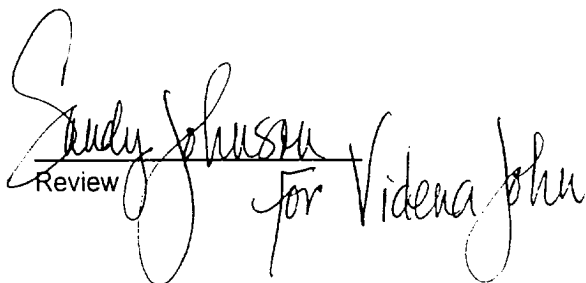
32.6

Quality Control:	<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Acceptance Limits</u>
	Trifluorotoluene	97	81 - 117%
	Trifluorotoluene	96	50 - 150 %
	o-Terphenyl	80	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



Organic Analysis - Pit Closure

Caulkins Oil Company

Project ID: Breech Pits
Sample ID: Breech E 102 - Pit
Lab ID: 7024
Sample Matrix: Soil

Report Date: 06/30/97
Date Sampled: 06/04/97
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

0.33

Toluene

ND

0.33

Ethylbenzene

ND

0.33

m,p-Xylenes

ND

0.65

o-Xylene

ND

0.33

Total Volatile Petroleum Hydrocarbons**ND****29.3****Total Recoverable Petroleum Hydrocarbons****ND****33.0****Quality Control:**SurrogatePercent RecoveryAcceptance Limits

Trifluorotoluene

97

81 - 117%

Trifluorotoluene

95

50 - 150 %

o-Terphenyl

92

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 E 102

CAULKINS OIL
SITE SECURITY DIAGRAM

