

District I
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 11
P.O. Drawer DO, Artesia, 1990
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 "B" 172

Location: Unit or Qtr/Qtr I Sec 7 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 33', width 33', depth 12'
(Attach diagram)

References: wellhead X, other _____

Footage from reference: 105'

Direction from reference: 30 Degrees X East North X
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)	0

Wellhead Protection Area:
(Less than 200 feet from a private domestic water source, or; less than 1000 feet from all other water sources)

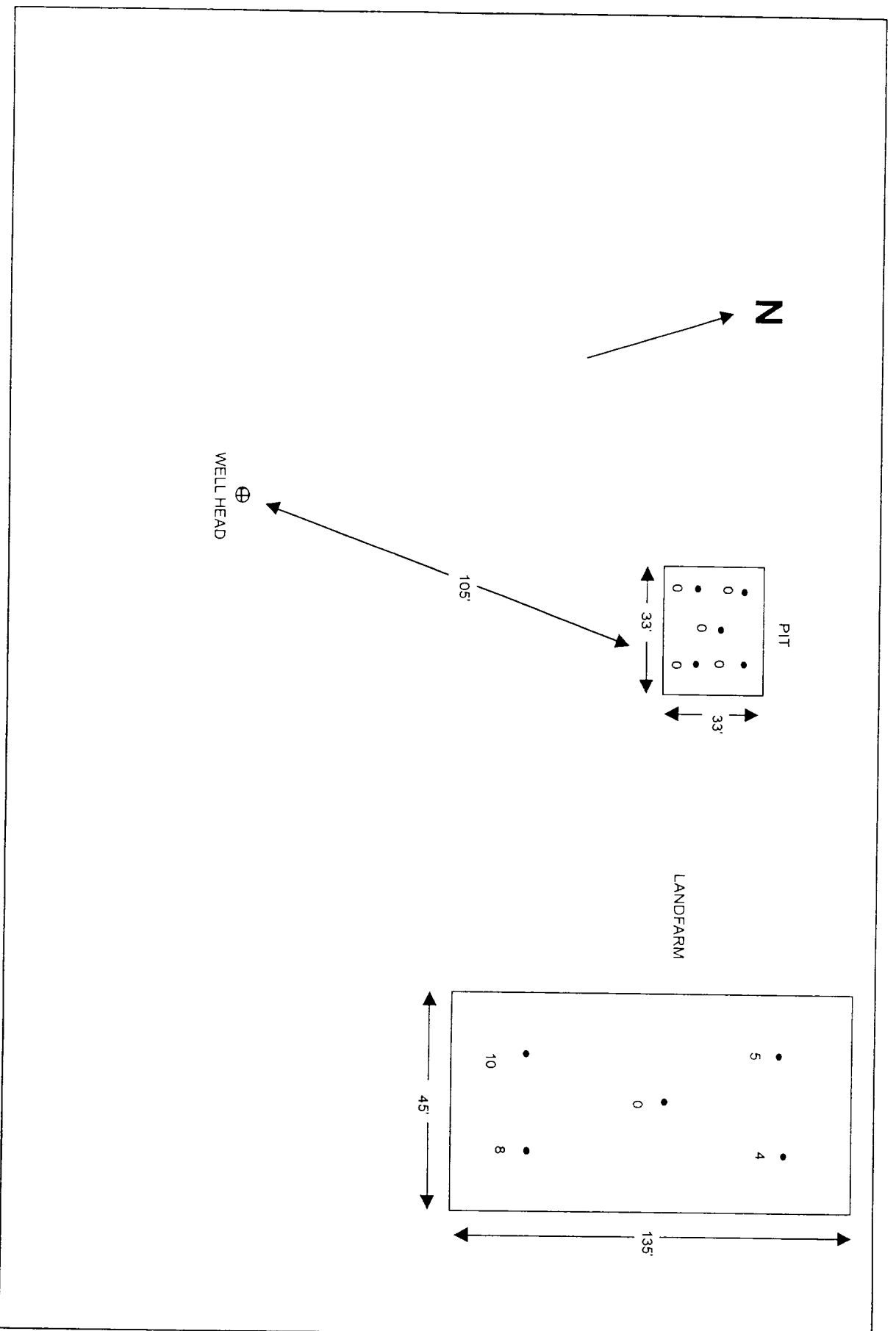
Yes (20 points)
No (0 points) 0

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) : 0

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 B 172
Lab ID: 7043
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	0.17
Toluene	ND	0.17
Ethylbenzene	ND	0.17
m,p-Xylenes	ND	0.33
o-Xylene	ND	0.17

Total Volatile Petroleum Hydrocarbons

ND

37.5

Total Recoverable Petroleum Hydrocarbons

1,180

31.8

Quality Control:

Surrogate

Percent Recovery

Acceptance Limits

Trifluorotoluene	88	81 - 117%
Trifluorotoluene	98	50 - 150 %
o-Terphenyl	99	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:

Sandy Johnson
Review
for Videng John



Organic Analysis - Pit Closure

Caulkins Oil Company

Project ID: Breech Pits
Sample ID: Breech B 172 - Pit
Lab ID: 7042
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**0.64**

Benzene	ND	0.16
Toluene	0.29	0.16
Ethylbenzene	ND	0.16
m,p-Xylenes	0.35	0.32
o-Xylene	ND	0.16

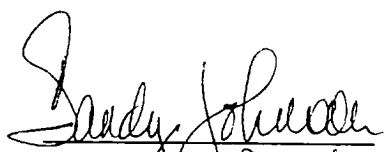
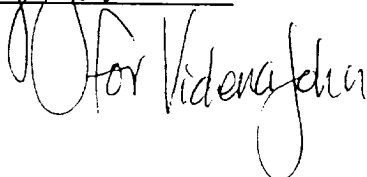
Total Volatile Petroleum Hydrocarbons**ND****36.5****Total Recoverable Petroleum Hydrocarbons****151****31.4**

Quality Control:	<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Acceptance Limits</u>
	Trifluorotoluene	98	81 - 117%
	Trifluorotoluene	99	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


WELL NAME: Breecb B 172

CAULKINS OIL
SITE SECURITY DIAGRAM

