District I
P.O Box 1980, Hobbs, NM

District II
P.O. Drawer DD, Artesia, NM 88221

District III
1000 Rio Brazos Rd, Aztec, NM 87410

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

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

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

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" 54-E

Location: Unit or Qtr/Qtr P Sec 4 T 26N R 6W County Rio Arriba

Pit Type: Separator X Dehydrator ____ Other ____

Land Type: BLM X, State ____, Fee ____, Other ____

Pit Location: (Attach diagram)
Pit dimensions: length 27', width 27', depth 12'
References: wellhead X, other ____
Footage from reference: 93'
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)	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

Date Remediation Started: 3-97 **Date Completed:** 7-21-97

Remediation Method: (Check all appropriate sections)
Excavation X Approx. cubic yards 324
Landfarmed X Insitu Bioremediation ___
Other ___

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

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 6-4-97 Sample time 10:30 a.m.

Benzene (ppm) ___

Total BTEX (ppm) ND

Field headspace (ppm) ___

TPH Landfarm: 93.5 ppm Pit: ND

Ground Water Sample: Yes ___ No X (If yes, attach sample results)

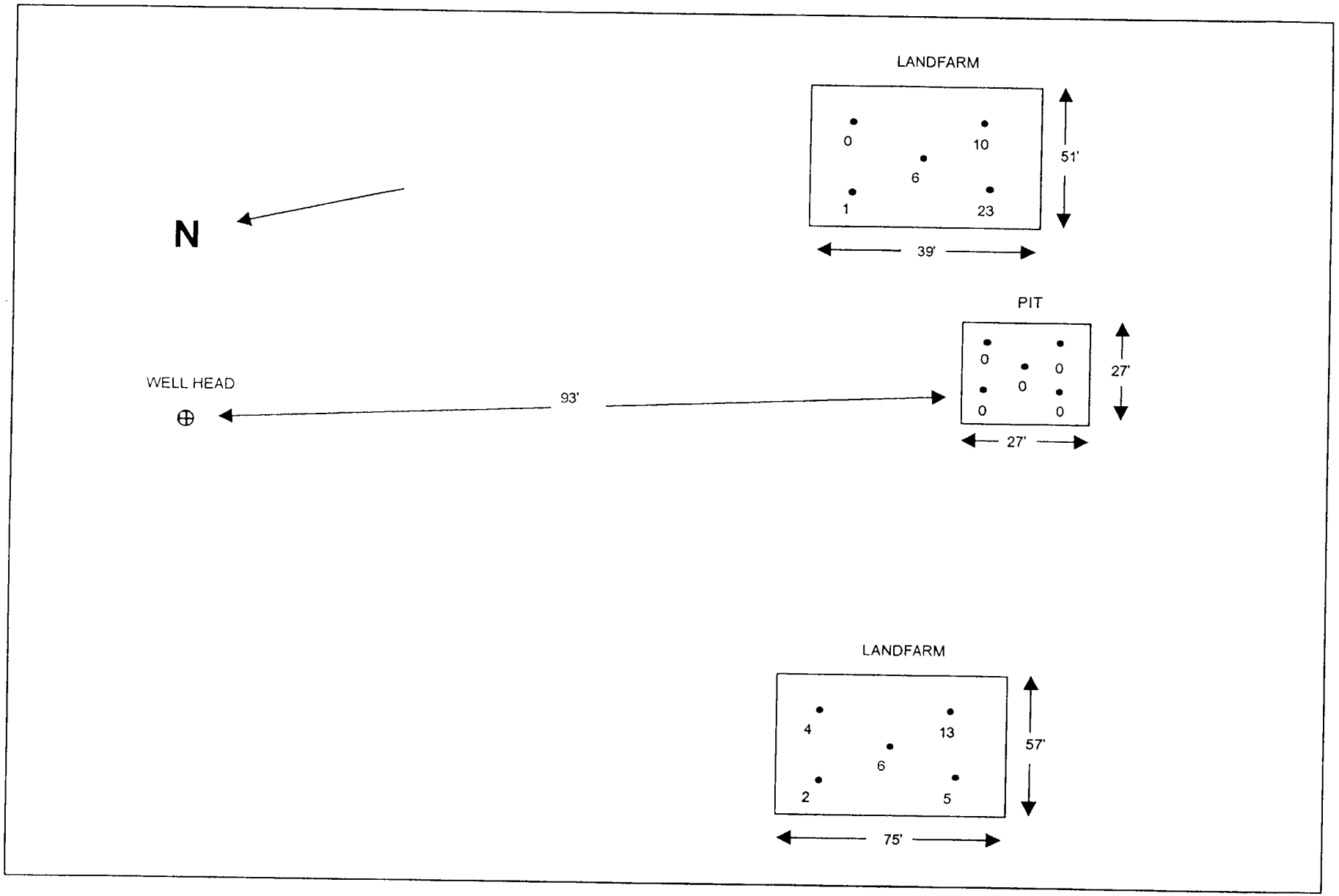
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

DATE October 6, 1998

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

Wellname Breech E 54-E

Caulkins Oil Company



ANAITAS ENVIRONMENTAL LABS

Organic Analysis - Pit Closure

Caulkins Oil Company

Project ID:	Breech Pits	Report Date:	06/30/97
Sample ID:	Breech E 54-E - Pit	Date Sampled:	06/04/97
Lab ID:	7046	Date Received:	06/06/97
Sample Matrix:	Soil	Preservative:	Cool
		Condition:	Intact

Target Analyte	Concentration (mg/kg)	Detection Limit (mg/kg)
Total Aromatic Hydrocarbons	**ND**	
Benzene	ND	0.16
Toluene	ND	0.16
Ethylbenzene	ND	0.16
m,p-Xylenes	ND	0.32
o-Xylene	ND	0.16
Total Volatile Petroleum Hydrocarbons	**ND**	**35.9**
Total Recoverable Petroleum Hydrocarbons	**ND**	**31.3**

Quality Control:	Surrogate	Percent Recovery	Acceptance Limits
	Trifluorotoluene	89	81 - 117%
	Trifluorotoluene	96	50 - 150 %
	o-Terphenyl	98	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 Videra John

ANAITAS ENVIRONMENTAL LABS

Organic Analysis - Pit Closure

Caulkins Oil Company

Project ID:	Breech Pits	Report Date:	06/30/97
Sample ID:	Breech E 54-E - Landfarm	Date Sampled:	06/04/97
Lab ID:	7047	Date Received:	06/06/97
Sample Matrix:	Soil	Preservative:	Cool
		Condition:	Intact

Target Analyte	Concentration (mg/kg)	Detection Limit (mg/kg)
Total Aromatic Hydrocarbons	**ND**	
Benzene	ND	0.16
Toluene	ND	0.16
Ethylbenzene	ND	0.16
m,p-Xylenes	ND	0.32
o-Xylene	ND	0.16
Total Volatile Petroleum Hydrocarbons	**ND**	**36.3**
Total Recoverable Petroleum Hydrocarbons	**93.5**	**29.4**

Quality Control:

Surrogate	Percent Recovery	Acceptance Limits
Trifluorotoluene	89	81 - 117%
Trifluorotoluene	95	50 - 150 %
o-Terphenyl	91	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.

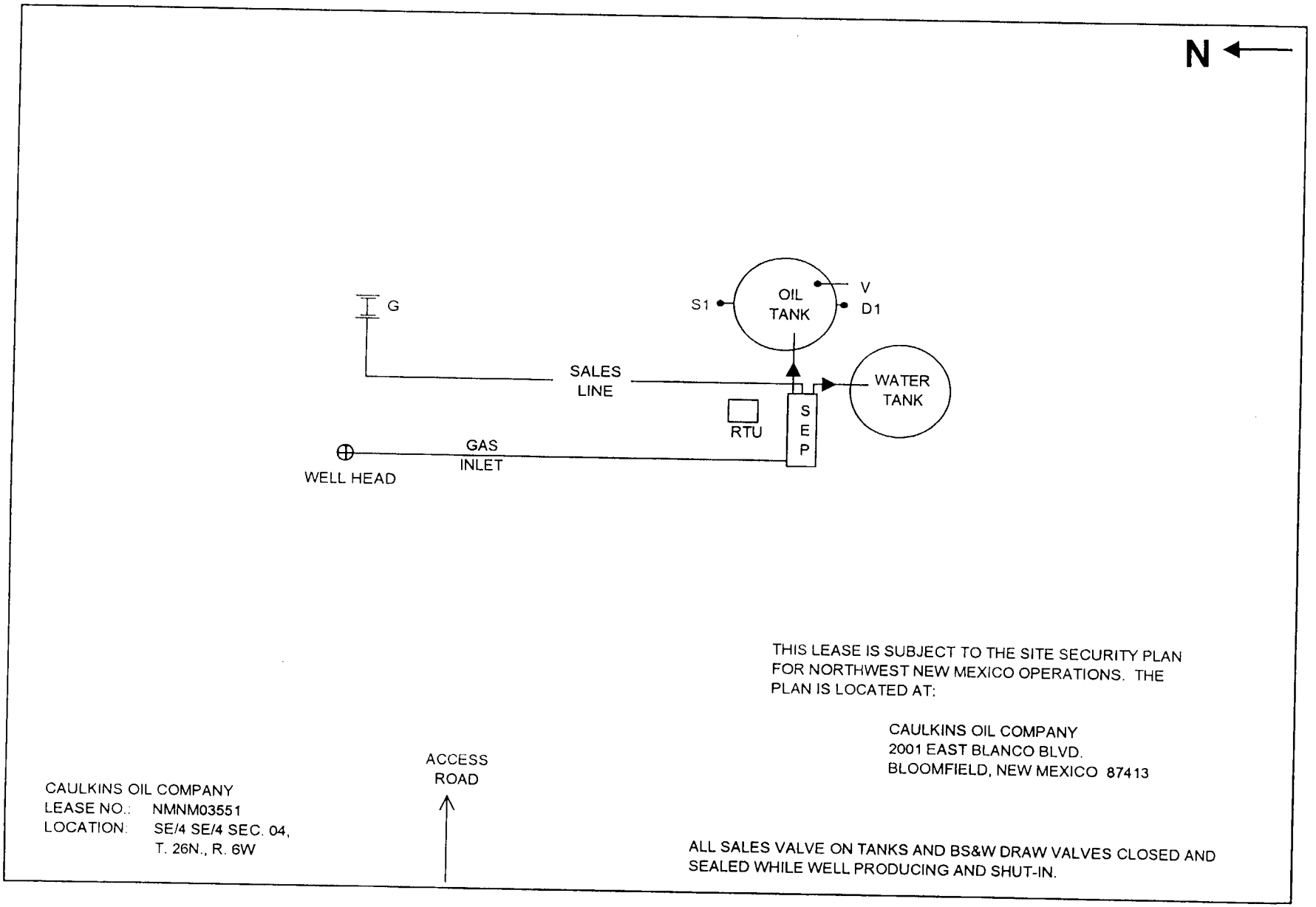
EPA Method 8015A, modified. "Nonhalogenated Volatile Organics by Gas Chromatography." Test Methods for Evaluating Solid Waste, Physical/ Chemical Methods, SW-846, 3rd Ed, Final Update I, July, 1992. USEPA.

Comments:

Review Sandy Johnson for Videna John

WELL NAME: Breech E 54-E

CAULKINS OIL
SITE SECURITY DIAGRAM



Revised: 8/19/98