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 "B" 123-E

Location: Unit or Qtr/Qtr D Sec 7 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 24', width 24', depth 12'
References: wellhead X, other ____
Footage from reference: 105'
Direction from reference: 70 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

Date Remediation Started: 4-15-97 **Date Completed:** 9-2-97

Remediation Method: Excavation X Approx. cubic yards 256
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 9-29-97 Sample time 9:20 a.m.

Benzene (ppm) _____

Total BTEX (ppm) ND

Field headspace (ppm) _____

TPH Landfarm: 64 ppm Pit: 9.3 ppm

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

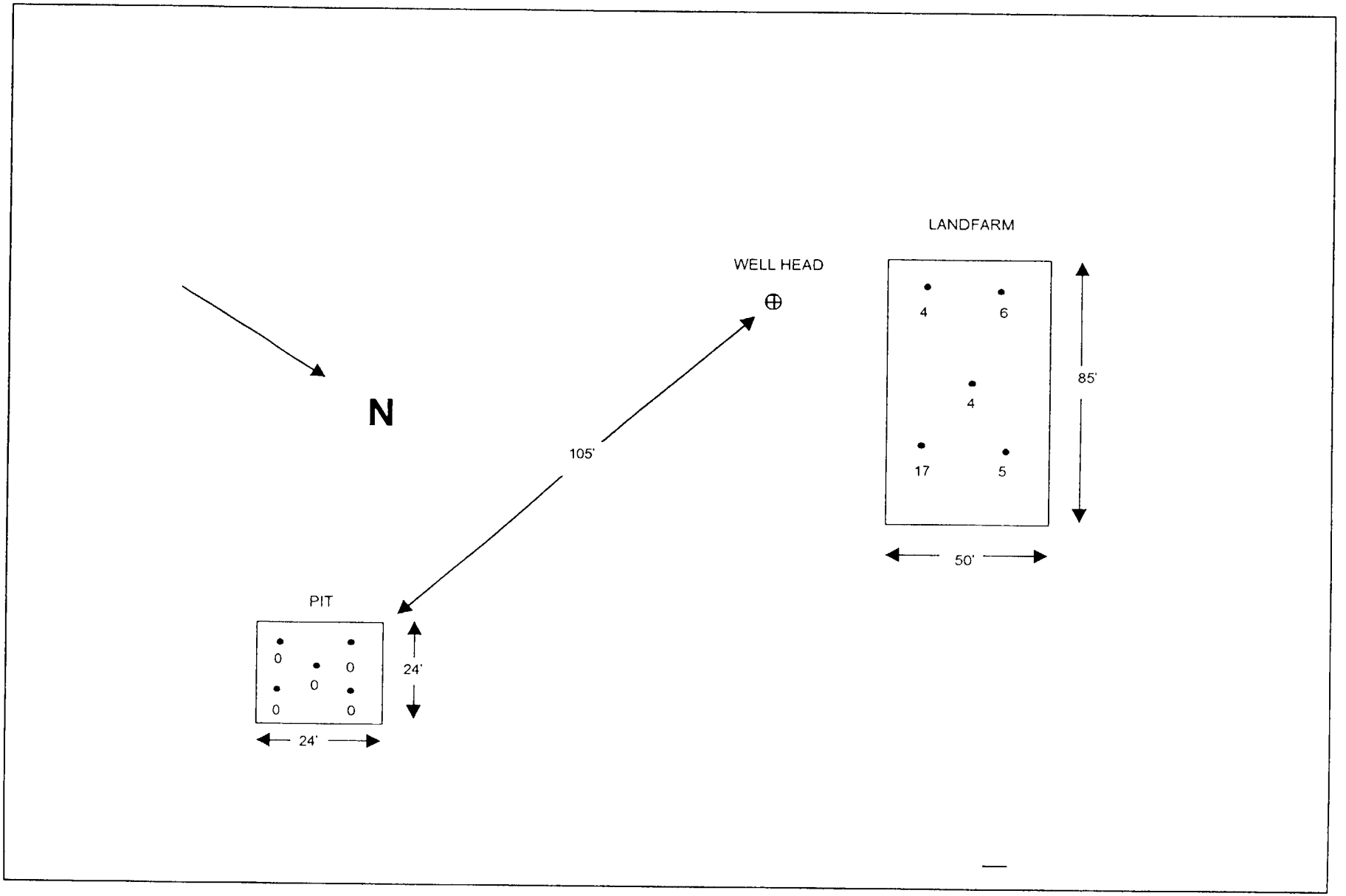
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

DATE October 6, 1998

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

Wellname Breech B 123-E

Caulkins Oil Company



FARMINGTON LABORATORY
P.O. BOX 1289
FARMINGTON, NEW MEXICO 87499-1289
PHONE (505) 326-2588

®Certificate of Analysis No. 9709201-11

Caulkins Oil Co.
1997 E Blanco Blvd
Bloomfield, NM 87413
Attn: Bobby Verquer

Date: 10/27/97

Project:	Landfarm	Project No:	
Site:		Matrix:	Soil
Sampled By:	J. Waggoner	Date Sampled:	09/29/97
Sample ID:	Breech B 123 E	Date Received:	09/29/97

Analytical Data

PARAMETER	RESULTS	DETECTION LIMIT	UNITS
Benzene	ND	1.0	µg/Kg
Toluene	ND	1.0	µg/Kg
Ethylbenzene	ND	1.0	µg/Kg
Total Xylene	ND	1.0	µg/Kg
Total Volatile Aromatic Hydrocarbons	ND		µg/Kg
Surrogate	**% Recovery**		
1,4,Difluorobenzene	100		
4-Bromofluorobenzene	50		
Method 8020			
Anayzed by: LJ			
Date: 10/15/97			
Total Petroleum Hydrocarbons-Diesel	64	8.0	mg/Kg
Surrogate	**% Recovery**		
n-Pentacosane	130		
Method 8015A*** for Diesel			
Anayzed by: RR			
Date: 10/09/97			
Gasoline Range Organics	ND	0.1	mg/Kg
Surrogate	**% Recovery**		
4-Bromofluorobenzene	29MI		
1,4-Difluorobenzene	100		
Method 8015A*** for Gasoline			
Anayzed by: RR			
Date: 10/09/97			

ND- Not detected MI-Matrix Interference

Notes: *Ref: Methods for Chemical Analysis of Water and Wastes, 1983, EPA
**Ref: Standard Methods for Examination of Water & Wastewater, 18th ed.
***Ref: Test Methods for Evaluating Solis Waste, EPA SW846, 3rd Ed.

QUALITY ASSURANCE: These analyses are performed in accordance with EPA guidelines for quality assurance.

Danica Carman, Lab Manager

FARMINGTON LABORATORY
P.O. BOX 1289
FARMINGTON, NEW MEXICO 87499-1289
PHONE (505) 326-2588

®Certificate of Analysis No. 9709201-12

Caulkins Oil Co.
1997 E Blanco Blvd
Bloomfield, NM 87413
Attn: Bobby Verquer

Date: 10/27/97

Project:	Bottom of Pit	Project No:	
Site:		Matrix:	Soil
Sampled By:	J. Waggoner	Date Sampled:	09/29/97
Sample ID:	Breech B 123 E	Date Received:	09/29/97

Analytical Data

PARAMETER	RESULTS	DETECTION LIMIT	UNITS
Benzene	ND	1.0	µg/Kg
Toluene	ND	1.0	µg/Kg
Ethylbenzene	ND	1.0	µg/Kg
Total Xylene	ND	1.0	µg/Kg
Total Volatile Aromatic Hydrocarbons	ND		µg/Kg

Surrogate	% Recovery
1,4,Difluorobenzene	93
4-Bromofluorobenzene	70

Method 8020
Anayzed by: LJ
Date: 10/15/97

PARAMETER	RESULTS	DETECTION LIMIT	UNITS
Total Petroleum Hydrocarbons-Diesel	9.3	4.0	mg/Kg

Surrogate	% Recovery
n-Pentacosane	110

Method 8015A*** for Diesel
Anayzed by: RR
Date: 10/09/97

PARAMETER	RESULTS	DETECTION LIMIT	UNITS
Gasoline Range Organics	ND	0.1	mg/Kg

Surrogate	% Recovery
4-Bromofluorobenzene	40MI
1,4-Difluorobenzene	107

Method 8015A*** for Gasoline
Anayzed by: RR
Date: 10/09/97

ND- Not detected MI-Matrix Interference

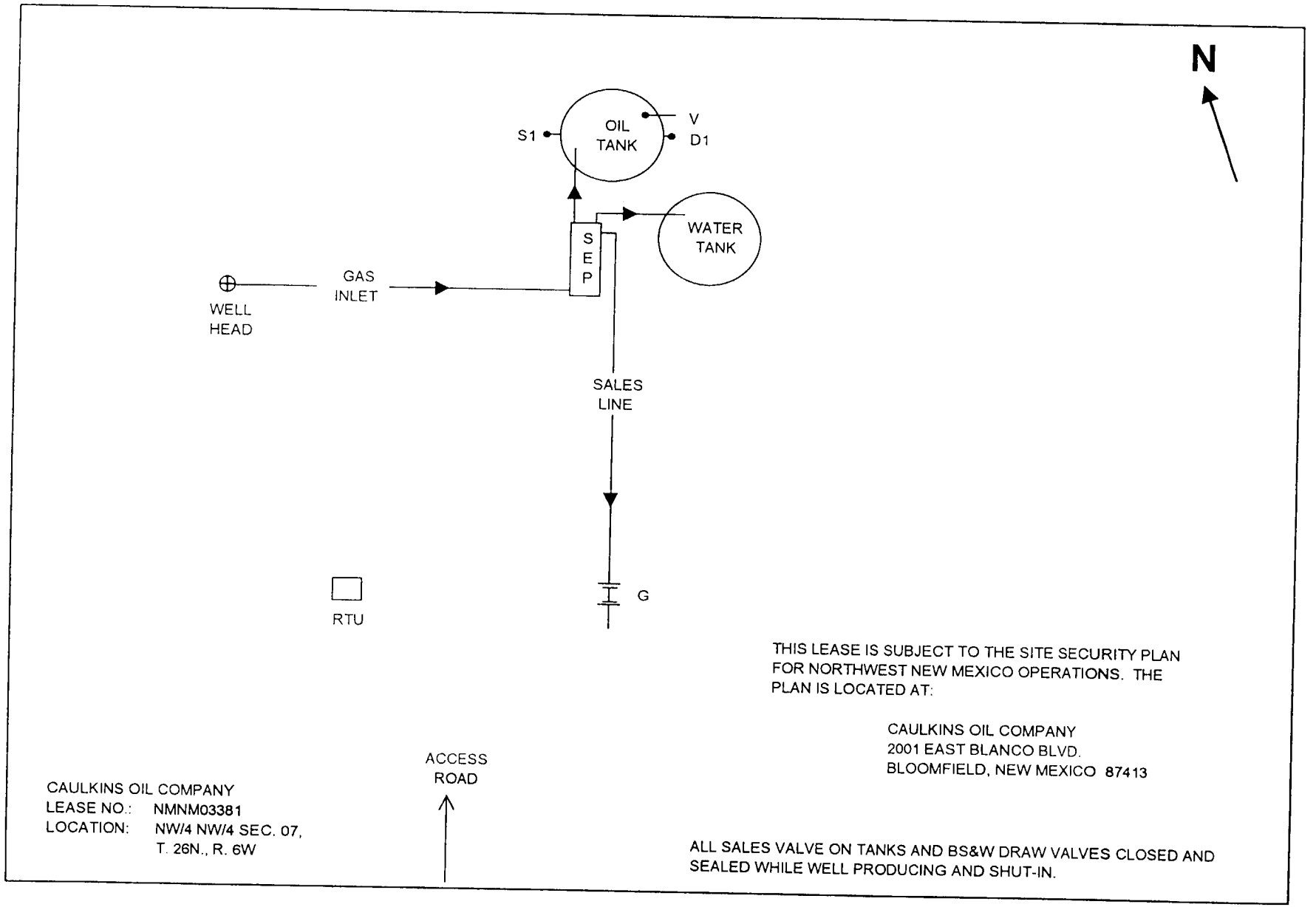
Notes: *Ref: Methods for Chemical Analysis of Water and Wastes, 1983, EPA
**Ref: Standard Methods for Examination of Water & Wastewater, 18th ed.
***Ref: Test Methods for Evaluating Solis Waste, EPA SW846, 3rd Ed.

QUALITY ASSURANCE: These analyses are performed in accordance with EPA guidelines for quality assurance.

Danica Carman, Lab Manager

WELL NAME: Breech B 123-E

CAULKINS OIL
SITE SECURITY DIAGRAM



Revised: 10/2/98