



OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-102
Revised 10-1-7

All distances must be from the outer boundaries of the Section.

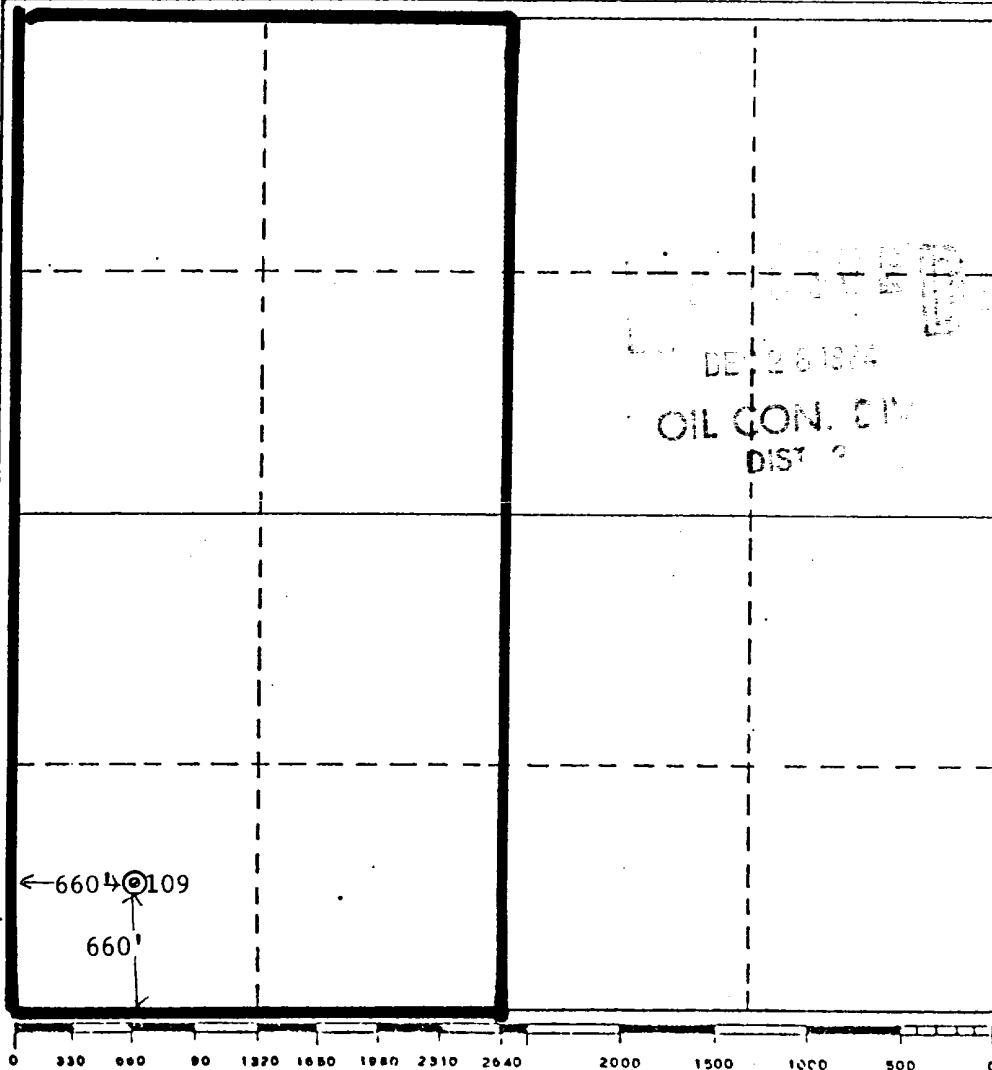
Operator Caulkins Oil Company			Lease Breech "E"		Well No. 109
Unit Letter H	Section 3	Township 26 North	Range 6 West	County Rio Arriba	
Actual Footage Location of Well:					
660 feet from the West		line and		660 feet from the South	
Ground Level Elev. 6484	Producing Formation Mesa Verde		Pool Blanco Mesa Verde		Dedicated Acreage: 320.25 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Charles E. Verquer
Name

Charles E. Verquer

Position

Superintendent

Company

Caulkins Oil Company

Date

12-27-84

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

12-31-51

Registered Professional Engineer
and/or Land Surveyor

Edmund Ross

Certificate No.

81

~~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 II~~
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 "E" 109

Location: Unit or Qtr/Qtr M Sec 3 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: 156'

Direction from reference: 348 Degrees East North X
of
X West South

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

Wellhead Protection Area:	Yes	(20 points)	
(Less than 200 feet from a	No	(0 points)	<u>0</u>
private domestic water source,			
or; less than 1000 feet from all			
other water sources)			

Distance to Surface Water:	Less than 200 feet	(20 points)	
(Horizontal distance to perennial	200 feet to 1000 feet	(10 points)	
lakes, ponds, rivers, streams,	Greater than 1000 feet	(0 points)	<u>0</u>
creeks, irrigation canals and			
ditches)			

RANKING SCORE (TOTAL POINTS): 0

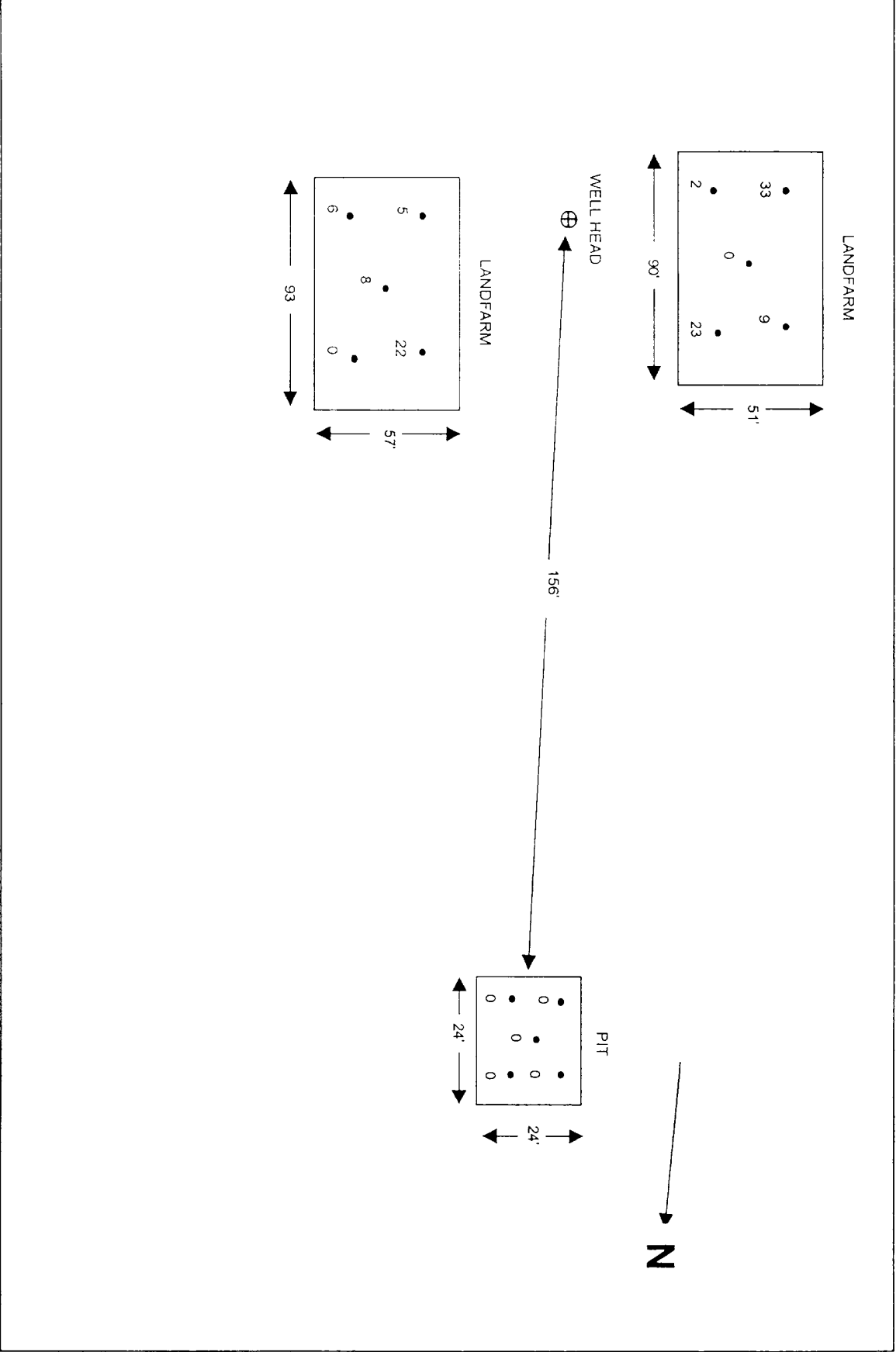
Remediation Method: Excavation X Approx. cubic yards 256
Check all appropriate sections: Landfarmed X Insitu Bioremediation _____

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

Ground Water Encountered: No X Yes _____ Depth _____

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

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 E 109 - Landfarm
Lab ID: 7033
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**1.33**

Benzene

ND

0.16

Toluene

0.30

0.16

Ethylbenzene

ND

0.16

m,p-Xylenes

0.74

0.32

o-Xylene

0.29

0.16

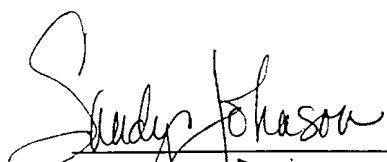
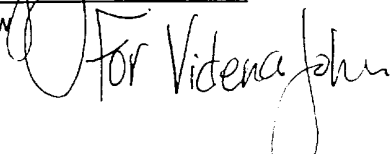
Total Volatile Petroleum Hydrocarbons**ND****36.5****Total Recoverable Petroleum Hydrocarbons****998****31.9**

Quality Control:	Surrogate	Percent Recovery	Acceptance Limits
	Trifluorotoluene	99	81 - 117%
	Trifluorotoluene	88	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


Organic Analysis - Pit Closure

Caulkins Oil Company

Project ID:	Breech Pits	Report Date:	06/30/97
Sample ID:	Breech E 109 - Pit	Date Sampled:	06/04/97
Lab ID:	7032	Date Received:	06/06/97
Sample Matrix:	Soil	Preservative:	Cool
		Condition:	Intact

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

9.23

Benzene	ND	0.17
Toluene	0.67	0.17
Ethylbenzene	0.48	0.17
m,p-Xylenes	5.51	0.33
o-Xylene	2.54	0.17

Total Volatile Petroleum Hydrocarbons

144

37.3

Total Recoverable Petroleum Hydrocarbons

82.8

29.5

Quality Control:	Surrogate	Percent Recovery	Acceptance Limits
	Trifluorotoluene	111	81 - 117%
	Trifluorotoluene	90	50 - 150 %
	o-Terphenyl	88	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.

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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 Videnc John

WELL NAME: Breech E. 109

CAULKINS OIL
SITE SECURITY DIAGRAM

