

District II Energy, Minerals and Natural Resources Department
P.O. Box 1980, Alamosa, NM 88211
District III DEPUTY OIL & GAS INSPECTOR
P.O. Drawer DD, Alamosa, NM 88211
District III SEP 26 1997
1000 Rio Brazos Rd, Alamosa, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department
OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

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

(Revised 3/9/94)

APPROVED
PIT REMEDIATION AND CLOSURE REPORT
Denet
No lab analysis

Operator: LOUIS DREYFUS NATURAL GAS Telephone: (505) 885-1313

Address: P.O. BOX 370, CARLSBAD, NM 88211

Facility Or: MUDGE "A" #11
Well Name

Location: Unit or Qtr/Qtr Sec 850'S/850'E Sec 18 T 27N R 11W County SAN JUAN

Pit Type: Separator xx Dehydrator Other

Land Type: BLM xx, State , Fee , Other

Pit Location: Pit dimensions: length 17, width 38, depth 22
(Attach diagram) Reference: wellhead , other See Attached
Footage from reference:
Direction from reference: Degrees East North
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

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

OIL CON. DIV.
DIST. 3

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: 02/27/96 Date Completed: 02/28/96

Remediation Method: Excavation AA Approx. cubic yards 526

Landfarmed _____ Insitu Bioremediation _____

Other _____

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

General Description of Remediation Action: _____

CONTAMINATION WAS REMEDIATED BY DILUTION AND AERATION.

Ground Water Encountered: No _____ Yes _____ Depth _____

Final Pit:

Closure Sampling:
(if multiple samples,
attach sample results
and diagram of sample
locations and depths)

Sample location See Attached

Sample depth 22

Sample date 02/27/96 Sample time 05:00:00

Sample Results

Benzene (ppm) 2

Total BTEX (ppm) 8

Field headspace (ppm) _____

TPH 79

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

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

DATE 09/12/96

SIGNATURE

Tommy H. Arnwine

PRINTED NAME **Tommy H. Arnwine, A.S.P.**
AND TITLE **Environmental & Safety Director**

PIT CLOSURE SAMPLING REPORT

OPERATOR LOUIS DREYFUS NATURAL GAS

ADDRESS: P.O. BOX 370 CARLSBAD, NM 88211

WELL NAME: MUDGE "A" #11

PIT TYPE: SEPARATOR LEGALS: 850S/850E SEC.18 T27N R11W

CONFIRMATION SAMPLES

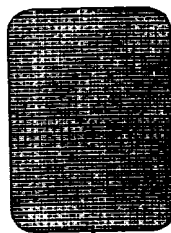
WALL	DEPTH	TPH	BENZENE	BTEX
NORTH	22'	86	4.6	14.2
SOUTH	22'	40	2.6	6.7
EAST	22'	82	5.1	14.9
WEST	22'	21	2.0	6.2
BOTTOM	22'	79	2.9	18.4

REMEDIATION SAMPLES

SAMPLE	TPH	BENZENE	BTEX	SAMPLE	TPH	BENZENE	BTEX
1	88	3.8	17.8	17			
2	86	4.8	19.9	18			
3	91	4.8	19.2	19			
4				20			
5				21			
6				22			
7				23			
8				24			
9				25			
10				26			
11				27			
12				28			
13				29			
14				30			
15				31			
16				32			

LOUIS DREYFUS NATURAL GAS
MUDGE "A" #11

SEPARATOR PIT



8' 230° SE



WELLHEAD