

District I

P.O. Box 1980, Hobbs, NM

District II

P.O. Box 1980, Hobbs, NM

District III

1000 W. 1st St., Santa Fe, NM 87504

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)

SEP 26 1997

PIT REMEDIATION AND CLOSURE REPORT

Denial
No lab analyses

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

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

Facility Or: MUDGE "A" #3
Well Name

Location: Unit or Qtr/Qtr Sec 990'E/1650'S Sec 7 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 24, width 21, depth 16
(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

RECEIVED
SEP 24 1997

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

Remediation Method: Excavation XX Approx. cubic yards 298

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 _____

Sample depth 16

Sample date 02/28/96 Sample time 02:00:00

Sample Results

Benzene (ppm) _____

Total BTEX (ppm) _____

Field headspace (ppm) _____

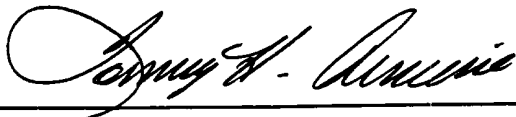
TPH 66

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



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" #3

PIT TYPE: SEPARATOR LEGALS: 990'E/1650'S SEC.7 T27N R11W

CONFIRMATION SAMPLES

WALL	DEPTH	TPH	BENZENE	BTEX
NORTH	16'	41	<.1	<.1
SOUTH	16'	63	<.1	<.1
EAST	16'	22	<.1	<.1
WEST	16'	12	<.1	<.1
BOTTOM	16'	66	<.1	<.1

REMEDATION SAMPLES

SAMPLE	TPH	BENZENE	BTEX	SAMPLE	TPH	BENZENE	BTEX
1	54	<.1	<.1	17			
2	59	<.1	<.1	18			
3	47	<.1	<.1	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			

F. Loc. 1650/S; 990/E Elev. 6115 GL Spd. 8/21/50 Comp 9/12/50 TD 1924 PB _____

Casing 8-5/8 @ 95 W 45 Sx 104 @ _____ W _____ Sx. Pr. 5 1/2 @ 1817 W 95 Sx. T. _____ @ _____

Csg. Perf.

Prod. Stim.

Shot 265 qts 1830-1917

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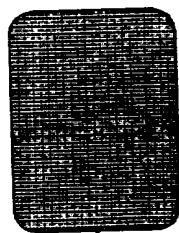
I.P. 4700 ~~REDOX~~ MCF/D After 3 Hrs. Sic. P. 470 PSI After 3 ^{hrs} ~~hrs~~ GOR _____ Grav. _____ 1st Del. 10/4/5

TOPS		NITD		Well Log		TEST					DATA
Kirtland		C-102		Plat	X	Schd.	PC	O	PW	PD	D
Fruitland		C-103		Electric Log							69
Pictured Cliffs	1809	C-104	X	C-110	X		340	466	254	170	7
Cliff House		Remarks Gauged 2000 MCF Nat Former operator Jas. D. Hancock									
Menefee											
Point Lookout											
Mancos											
Tocito											
Dakota											
Morrison											
Entrada											
PcD	4213										

Jan. Feb. Mar. Apr. May June July Aug. Sept. Oct. Nov. Dec.

LOUIS DREYFUS NATURAL GAS
MUDGE "A" #3

SEPARATOR PIT



21' 310° NW



WELLHEAD