

District I  
 PO Box 986 Hobbs, NM 88241-1986  
 District II  
 PO Drawer DD, Artesia, NM 88211-0719  
 District III  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 District IV  
 PO Box 2088 Santa Fe, NM 87504-2088

State of New Mexico  
 Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
 PO Box 2088  
 Santa Fe, NM 87504-2088

Form C-104  
 Revised February 21, 1994  
 Instructions on back  
 Submit to Appropriate District Office  
 5 Copies

AMENDED REPORT

**I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT**

1 Operator name and Address		2 OGRID Number
Louis Dreyfus Natural Gas 14000 Quail Springs Parkway, #600 Oklahoma City, Oklahoma 73134		025773
4 API Number		5 Pool Name
30-045-24793	Basin-Fruitland Coal	6 Pool Code
		71629
7 Property Code	8 Property Name	9 Well Number
005955	Federal 32	21

**II. 10 Surface Location**

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	32	27N	11W		990	North	1840	West	San Juan

**11 Bottom Hole Location**

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	32	27N	11W		990	North	1840	West	San Juan

**III. Oil and Gas Transporters**

18 Transporter OGRID	19 Transporter Name and Address	20 POD	21 O G	22 POD ULSTR Location and Description
25244	Williams Gas Processing P.O. Box 58900 Salt Lake City, UT 84158	2822566 1188450	G	C 32-27N-11W Custody Transfer Meter

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 DEC 14 1998  
 OIL CONSERVATION DIVISION

**IV. Produced Water**

23 POD	24 POD ULSTR Location and Description
1188450 2822566 C 32-27N-11W	Tank Battery

**V. Well Completion Data**

25 Spud Date	26 Ready Date	27 TD	28 PBTD	29 Perforations
3/20/81 orig.	8/17/81 orig.	1875' KB	1664'	1599'-1649'
7/7/98 recom.	8/30/98 recom.			
30 Hole Size	31 Casing & Tubing Size	32 Depth Set	33 Sacks Cement	
12 1/4"	8 5/8"	142' KB	110	
7 7/8"	4 1/2"	1859' KB	375	
4 1/2" CIBP set @ 1667' and 1664'				

**VI. Well Test Data**

34 Date New Oil	35 Gas Delivery Date	36 Test Date	37 Test Length	38 Tbg Pressure	39 Csg Pressure
	9/22/98	9/30/98	24	N/A	16#
40 Choke Size	41 Oil	42 Water	43 Gas	44 AOF	45 Test Method
	-0-	2 bbl.	107 MCF		P

46. I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Terrye D. Bryant*  
 Printed name: Terrye D. Bryant  
 Title: Regulatory Technician  
 Date: 12/11/98  
 Phone: (405) 749-5287

OIL CONSERVATION DIVISION  
 Approved by: *T.D.*  
 Title: SUPERVISOR DISTRICT #3  
 Approval Date: DEC 14 1998

47 If this is a change of operator fill in the OGRID number and name of the previous operator

Previous Operator Signature	Printed Name	Title	Date
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OK

District I  
P O Box 1980, Hobbs, NM

State of New Mexico  
Energy, Minerals and Natural Resources Department

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

District II  
P O Drawer DD, Artesia, NM 88221

District  
1000 Rio Brazos Rd, Aztec, NM 87410

*Denny G. Faust*  
**DEPUTY OIL & GAS INSPECTOR**

**OIL CONSERVATION DIVISION**

2040 South Pacheco Street  
Santa Fe, New Mexico 87505

FEB 08 1999

**RECEIVED**  
NOV 12 1998

**OIL CON. DIV.**  
DIST. 3

*Approved*

**PIT REMEDIATION AND CLOSURE REPORT**

<b>Operator:</b>	PNM Gas Services ( Dreyfus )		<b>Telephone:</b>	324-3764
<b>Address:</b>	603 W. Elm Street Farmington, NM 87401			
<b>Facility or Well Name:</b>	Federal 32-21			
<b>Location:</b>	Unit <u>  C  </u>	Sec <u>  32  </u>	T <u>  27N  </u>	R <u>  11W  </u> County <u>  San Juan  </u>
<b>Pit Type:</b>	Separator <input checked="" type="checkbox"/>	Dehydrator <input type="checkbox"/>	Other <input type="checkbox"/>	
<b>Land Type:</b>	BLM <input type="checkbox"/>	State <input type="checkbox"/>	Fee <input type="checkbox"/>	Other <u>  Navajo  </u>
<b>Pit Location:</b>	Pit dimensions: length <u>  18  </u> width <u>  18  </u> depth <u>  3  </u>			
(Attach diagram)	Reference: wellhead <input checked="" type="checkbox"/>	other <input type="checkbox"/>		
	Footage from reference: <u>  69'  </u>			
	Direction from reference: <u>  75  </u> Degrees	<input checked="" type="checkbox"/> East	North <input type="checkbox"/>	
		<input type="checkbox"/> West	South <input checked="" type="checkbox"/>	
<b>Depth to Ground Water:</b>	(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)	<u>  0  </u>
<b>Wellhead Protection Area:</b>	(Less than 200 feet from a private domestic water source, or, less than 1,000 feet from all other water sources)		Yes (20 points)	
			No (0 points)	<u>  0  </u>
<b>Distance to Surface Water:</b>	(Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)		Less than 200 feet (20 points)	
			200 feet to 1,000 feet (10 points)	
			Greater than 1,000 feet (0 points)	<u>  0  </u>
<b>RANKING SCORE (TOTAL POINTS):</b>				<u>  0  </u>

Date Remediation Started: 6/10/98 Date Completed: 6/10/98

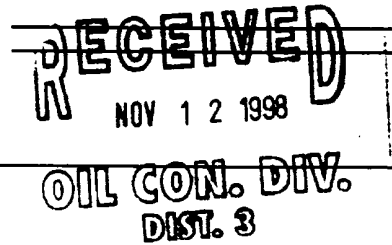
Remediation Method: Excavation  Approx. Cubic Yard 72

(Check all appropriate sections) Landfarmed \_\_\_\_\_ Amount Landfarmed (cubic yds) \_\_\_\_\_

Other Entire 72 yds. clean overburden.

Remediation Location: Onsite \_\_\_\_\_ Offsite \_\_\_\_\_

(i.e., landfarmed onsite, name and location of offsite facility)



Backfill Material Location: \_\_\_\_\_

General Description of Remedial Action:

Excavated contaminated soil to a pit size and of 18' X 18' X 6'. Entire 72 yards was clean overburden.

Ground Water Encountered: No  Yes  Depth \_\_\_\_\_

Final Pit Closure Sampling: Sample Location 5 pt. composite

(if multiple samples, attach sample result and diagram of sample locations and depths.) Sample depth 6'

Sample date 6/10/98 Sample time 7:32:00 AM

Sample Results

Benzene (ppm) < 0.0010

Total BTEX (ppm) < 0.0070

Field headspace (ppm) \_\_\_\_\_

TPH (ppm) < 25.00 Method 8015A

Vertical Extent (ft) \_\_\_\_\_ Risk Analysis form attached Yes  No

Ground Water Sample: Yes  No  (If yes, see attached Groundwater Site Summary Report)

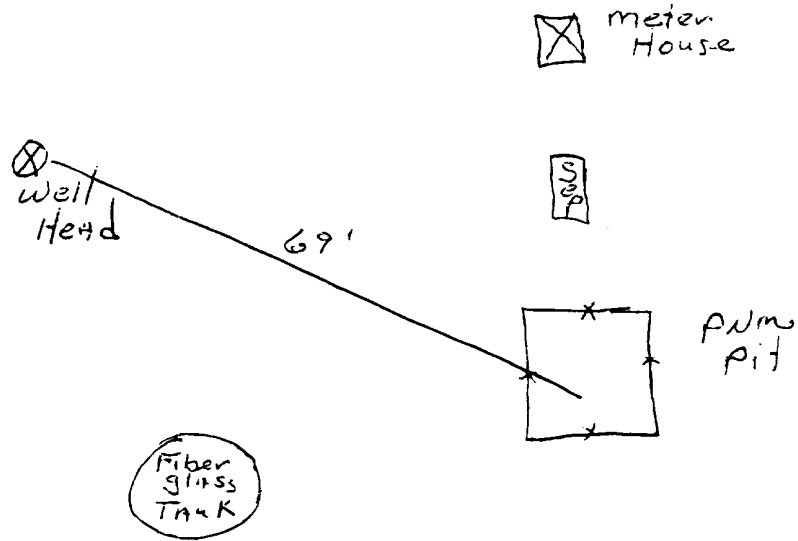
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND MY BELIEF

DATE October 29, 1998  
SIGNATURE \_\_\_\_\_

PRINTED NAME Maureen Gannon  
AND TITLE Project Manager

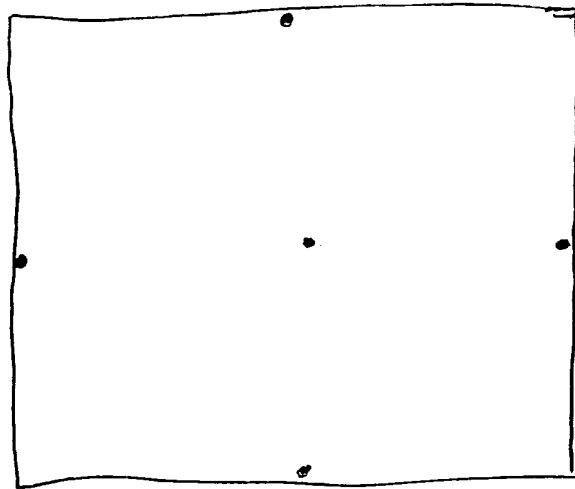
Federal # 32-21  
ec. 32 T27N R11W Unit C  
ouis Dreyfus

### Site Drawing



### Excavation Drawing

18'x18'x6'



All sample points  
had a 0.0 ppm  
PID reading.  
Ran head space  
on 5 pt. composite  
had a 0.0 ppm  
reading



OFF: (505) 325-5667

LAB: (505) 325-1556

**On Site Technologies, LTD.**

**Date:** 17-Jun-98

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**CLIENT:** PNM - Public Service Company of NM

**Project:** PNM Pit Remediation

**Lab Order:** 9806036

**CASE NARRATIVE**

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Samples were analyzed using the methods outlined in the following references:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Edition

All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objectives.



OFF: (505) 325-5667

LAB: (505) 325-1556

**ANALYTICAL REPORT**

Date: 17-Jun-98

<b>Client:</b> PNM - Public Service Company of NM	<b>Client Sample Info:</b> Federal #32-21
<b>Work Order:</b> 9806036	<b>Client Sample ID:</b> 9806100732; Spt. Composite
<b>Lab ID:</b> 9806036-01A Matrix: SOIL	<b>Collection Date:</b> 6/10/98 7:32:00 AM
<b>Project:</b> PNM Pit Remediation	<b>COC Record:</b> 7182

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
<b>DIESEL RANGE ORGANICS</b>		<b>SW8015</b>				<b>Analyst: HR</b>
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	6/11/98
<b>BTEX</b>		<b>SW8020A</b>				<b>Analyst: DG</b>
Benzene	ND	1		µg/Kg	1	6/14/98
Toluene	ND	2		µg/Kg	1	6/14/98
Ethylbenzene	ND	1		µg/Kg	1	6/14/98
m,p-Xylene	ND	2		µg/Kg	1	6/14/98
o-Xylene	ND	1		µg/Kg	1	6/14/98

**Qualifiers:**

**PQL - Practical Quantitation Limit**

**S - Spike Recovery outside accepted recovery limits**

**ND - Not Detected at Practical Quantitation Limit**

**R - RPL outside accepted recovery limits**

**J - Analyte detected below Practical Quantitation Limit**

**E - Value above quantitation range**

**B - Analyte detected in the associated Method Blank**

**Surr - Surrogate**

1 of 1

P.O. BOX 2606 • FARMINGTON, NM 87499