District I
P.O. Box 1980 Hobbs, NM
District II
P.O. Drawe DE Plus NO PEZE GAS IN SPECTOR

1000 Rio Brazos Rd, Aztec AMA 87410 8 1999

District III

State of New Mexico Energy, Minerals and Natural Resources Department SUBMIT 1 COPY TO APPROPRIATE DISTRICT OFFICE AND 1 COPY TO SANTA FE OFFICE

OIL CONSERVATION DIVISION

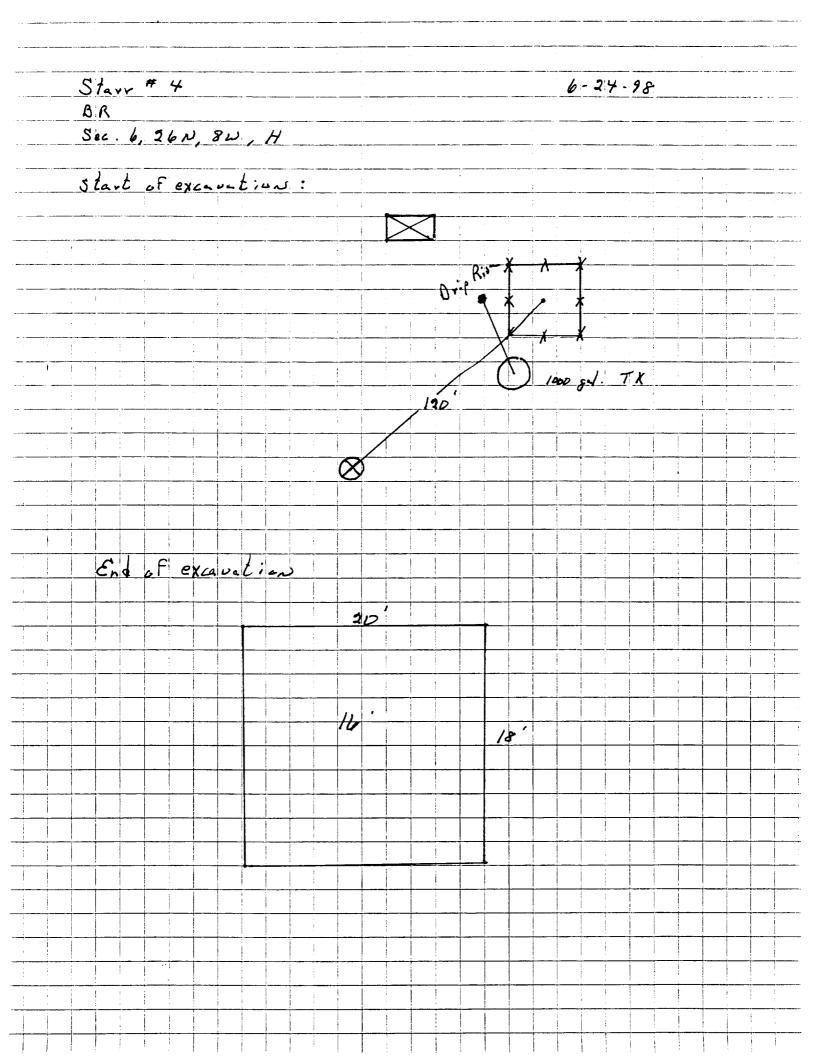
2040 South Pacheco Street Santa Fe, New Mexico 87505

PIT REMEDIATION AND CLOSURE REPORT

ECEIVED

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Operator:	PNM G	Gas Services (Burlington) T	elephone:	324-3764	DI	20° 3	7 0
Address:	603 W. Elm	Street Farmin	ngton, NM 8	87401					
Facility or We	ell Name: S	Starr #4							
Location:	Unit	Н	Sec _	<u>6</u> T _	26 N R	8 W	County	San Juan	
Pit Type:	Separator		Dehyd	rator	Other		Drip Riser		
Land Type:	BLM	Stat	e <u> </u>	Fee	Other		lavajo		
Pit Location:	Pit	dimensions:	length	20 '	width	20 '	depth	3	
(Attach diagran	n) Ref	ference:	wellhead	<u>~</u>	other _				
	Foo	tage from refe	rence:	120'					
	Dire	ection from ref	ference: 35	Degrees	<u> </u>	East	North	<u> </u>	
						of West	South		
Depth to Grou	ontaminants to			Less than 50 feet to Greater than	99 feet			(20 points) (10 points) (0 points)	0
water	nion or ground								
Wellhead Prot	tection Area:				Yes			(20 points)	
(Less than 200 feet from domestic water source, or feet from all other water s	r, less than 1,000				No			(0 points)	
Distance to Su		:		Less tha 200 feet to Greater than				(20 points) (10 points) (0 points)	0
ponds, rivers, streams, cre canals and ditches				RANKING	G SCORE	(TOTAL)	POINTS) :		0

Starr #4				
Date Remediation Started:	6/24/98		Date Completed:	6/24/98
Remediation Method:	Excavation	x	Approx. Cubic Yard	213
(Check all appropriate	Landfarmed >	x	Amount Landfarmed (cub	pic yds)
sections)	Other	-		
Remediation Location: (i.e., landfarmed onsite, name and location of offsite facility)	Onsite X	<u>. </u>	Offsite	
Backfill Material Location:			NOV 1	2 1998
General Description of Rem	edial Action:		000 100	V. DIV.
			rmed soil onsite within a berm	े डिं ed area at a depth of 6"
to 12". Soil was aerated by d	isking/piowing until	SOULTHEE REGULATORY IEV	YGIS.	
	1.			
Ground Water Encountered	d: No –	Yes	Dep	un
Final Pit Closure Sampling:	Sample Location	Bottom of excava	ation.	
(if multiple samples, attach sample result and diagram of	Sample depth	16'		
sample locations and depths.)	Sample date	6/24/98	Sample time	10:30:00 AM
	Sample Results			
	Benzene	(ppm) < 0.00	010	
	Total BT	EX (ppm) <	0.0070	
	Field head	Ispace (ppm)		
	TPH (ppm)	160.00	Method 801	5A
Vertical Extent (ft)		Risk A	Analysis form attached Yes	☐ No 📝
Ground Water Sample:	Yes	No _✓	(If yes, see attached G Summary Report)	roundwater Site
I HEREBY CERTIFY THA KNOWLEDGE AND MY E		TION ABOVE IS TR	UE AND COMPLETE TO TE	HE BEST OF MY
DATE October 29, 199 SIGNATURE	98		PRINTED NAME Maure AND TITLE Projec	een Gannon et Manager



LAB: (505) 325-1556

TECHNOLOGIES, LTD.

On Site Technologies, LTD.

Date: 06-Jul-98

CLIENT:

PNM - Public Service Company of NM

Project:

Starr #4

Lab Order: 9806101

CASE NARRATIVE

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.



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 06-Jul-98

Client:

PNM - Public Service Company of NM

Work Order:

9806101

Lab ID:

9806101-01A

Matrix: SOIL

Project: St

Starr #4

Client Sample Info: Starr #4

Client Sample ID: 9806241030; Bottom @ 16ft.

Collection Date: 6/24/98 10:30:00 AM

COC Record: 7241

Parameter	Result	PQL Q	ual Units	DF	Date Analyzed	
DIESEL RANGE ORGANICS	SW8015				Analyst: HR	
T/R Hydrocarbons: C10-C28	160	25	mg/Kg	1	7/2/98	
BTEX	SW8020A				Analyst: HR	
Benzene	ND	1	μg/Kg	1	7/1/98	
Toluene	ND	2	µg/Kg	1	7/1/98	
Ethylbenzene	ND	1	μ g /Kg	1	7/1/98	
m,p-Xylene	ND	2	μ g /Kg	1	7/1/98	
o-Xylene	ND	1	μg/Kg	1	7/1/98	

Qualifiers:

PQL - Practical Quantitation Limit

ND - Not Detected at Practical Quantitation Limit

J - Analyte detected below Practical Quantitation Limit

B - Analyte detected in the associated Method Blank

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

Surr: - Surrogate

1 of 1



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 06-Jul-98

Client:

PNM - Public Service Company of NM

Work Order:

9806101

9806101-02A

Matrix: SOIL

Lab ID: Project:

Starr #4

Client Sample Info: Starr #4

Client Sample ID: 9806241045; Walls @ 12ft.

Collection Date: 6/24/98 10:45:00 AM

COC Record: 7241

Parameter	Result	PQL	Qual Units	DF	Date Analyzed	
DIESEL RANGE ORGANICS	SW8015				Analyst: HR	
T/R Hydrocarbons: C10-C28	670	25	mg/Kg	1	7/2/98	
BTEX	SW8020A				Analyst: HR	
Benzene	ND	1	μ g /Kg	1	7/1/98	
Toluene	ND	2	μg/Kg	1	7/1/98	
Ethylbenzene	ND	1	μ g /Kg	1	7/1/98	
m,p-Xylene	2.4	2	μg/Kg	1	7/1/98	
o-Xylene	2	1	μg/Kg	1	7/1/98	
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Qualifiers:

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ND - Not Detected at Practical Quantitation Limit

J - Analyte detected below Practical Quantitation Limit

B - Analyte detected in the associated Method Blank

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

Surr: - Surrogate

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	Starr # 4			7/20	198	
	Stavr # 4 BR Sec. 6, 26N, 8L					
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LAB: (505) 325-1556

TECHNOLOGIE

On Site Technologies, LTD.

CLIENT:

PNM - Public Service Company of NM

Project:

PNM Pit Remediation

Lab Order:

9807058

CASE NARRATIVE

Date: 28-Jul-98

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.



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 28-Jul-98

Client:

PNM - Public Service Company of NM

Work Order:

9807058

9807058-07A

Matrix: SOIL

Lab ID: Project:

PNM Pit Remediation

Client Sample Info: Starr #4 LF

Client Sample ID: 9807201200; 6pt. Comp.

Collection Date: 7/20/98 12:00:00 PM

COC Record: 7389

Parameter	Result	PQL	Qual Units	DF	Date Analyzed
DIESEL RANGE ORGANICS	SW8015				Analyst: HR
T/R Hydrocarbons: C10-C28	580	25	m g /Kg	1	7/24/98

Qualifiers:

PQL - Practical Quantitation Limit

S - Spike Recovery outside accepted recovery limits

ND - Not Detected at Practical Quantitation Limit

R - RPD outside accepted recovery limits

J - Analyte detected below Practical Quantitation Limit
B - Analyte detected in the associated Method Blank

E - Value above quantitation range

Surr: - Surrogate

I of I