Jenny & Jour State of New Mexico

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New Mexico

Department DEPUTY OIL & GAS INSPECTOR

OIL CONSERVATION DIVISION

P.O. Box 2088

MAY 0 4 1998

Santa Fe, New Mexico 87504-2088

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PIT REMEDIATION AND CLOSURE REPORT

Operator: Burlington Resources (Williams Field Services) Telephone: (801) 584-6361

P.O. Box 58900, Salt Lake City, Utah 84158-0900 Address:

WellName: SJ 27-5 UNIT #71 PC (86462)

Unit or Qtr/Qtr Sec A Sec 28 T 27N R 5W County Rio Arriba Location:

PitType: Dehydrator

LandType: BLM

Pit Location: Pit dimensions: length 19ft., width 16ft.,

(Attach diagram)

Reference: Wellhead

85 ft. Footage from reference:

3 Degrees West of North Direction from reference:

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) 10

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.

Yes (20 points) No (0 points)

DIST. 3

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 1,000 feet

(10

10 Ranking Score (TOTAL POINTS):

Form A

0

0

Date Remediation Started: 12/6/96 Date Completed: 12/20/96

Excavation Approx. Cubic Yard 90

Landfarmed Insitu Bioremediation

Other Landfarmed soil after mechanical aeration.

Remediation Location: Onsite ✓ Offsite

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

General Description Of Remedial Action:

The pit was excavated to remove gross petroleum contamination. The excavated material was mechanically aerated, mixed with fertilizer, and placed into an onsite landfarm. After remediation goals were confirmed, the soil was returned to the excavation.

Ground Water Encountered: No

Final Pit:

Closure Sampling:

(if multiple samples, attach sample results and diagram of sample locations and depths) Sample location SJ 27-5 #71 PM V-EX-01

A composite sample, made up of 4 points from each excavation face, was collected..

Sample depth Up to 8 feet.

Sample date 12/9/96 Sample time

Sample Result

Benzene (ppm) <0.81

Total BTEX (ppm) <4.86

Field Headspace (ppm

TPH (ppm) 152

Ground Water Sample: No

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

DATE 3/20/47
SIGNATURE WALL FOR WFS

PRINTED NAME MARK HARJEY
AND TITLE PROJECT COORDISATOR

PIT RETIREMENT FORM				
Date: 12/6/96	_	Weather MOUDY / CHAT WIND /250		
Well Name 5,727-5#7/ C	perator BURLINGTO	AN ASWESSEC 28 TZTN RSWULT97		
Land Type: BLM STATE FEE	INDIAN	County RIO ARRIBA		
One Call Made (505-765-1234)?	(Y) N	30 di ,		
•	N N			
Line Marking Evident?	Y) N	A		
Pit Location:		$ N \neq S \setminus (T) \rangle$		
Reference Wellhead X	Other	1,Amp		
Distance from: 85 feet		(AMO FAPM)		
	E N X			
Direction: 3 Degrees	of	S (T)		
-	<u>X</u> w s			
o	11 2	PIT		
S	x 10 x 2			
Final Pit Dimensions	x 16 x 8			
		SITE SKETCH		
		cription: <u>GRAY TO CIGHT BROWN SAWDY SICT</u>		
				
		η / / :		
@ 6′ _ @ 8′)1 /1		
@				
@ —	-			
Well Proximity To: Residence, [Domestic Water We	II, Stock Well Whe		
		WASH APROX BOOFERT NORTH		
Estimated or	Known Distance to	Ground Water <u>>50' < 100'</u>		
Source of Backfill (if other than p	rocessed material			
Source of Backilli (ii office friance)	occooca marchar_			
Samples collected: Type P	rogress: Verification	ID S127-5#71 PMV-EX-OI GIVI Water		
•	rogress: Verification			
	rogress: Verification	: IDsoil / water		
		_		
Sample sent to Lab Via: Courier) Hand Carried (Other Preservative: (ICE) Other		
A .	Comments:	REMOVED ZINER - EXCAVATED PIT-		
W 1		STAINING + SOME ODOR - FIXCAUATED		
	SOIL WAS F	PROCESSED BY SHREDDER W/FERTILIZED		
		ROCESSED SOIL WAS CAND FAMMED		
- x / x /	ON LOCATION	. AFTER CONFIRMATION, LANDFARM		
h h		NAS USD TO BACKFILL EXCAVATION		
	Soil Shipped to:_	10 111		
(on sentes low semble pts.)	Prepared by:			
Sit skerett stow scripto pisty				



Organic Analysis - Pit Closure

Williams Field Services

Project ID: OCD Pits . SJ 27-5 #71 PM V-EX-01 Sample ID: Lab ID: 5910 Sample Matrix:

Soil Cool

Date Sampled: Date Received: Date Extracted: Date Analyzed:

Report Date:

12/16/96 12/09/96 12/09/96 12/12/96

12/13/96

Preservative: Condition: intact

Target Analyte	Concentration (mg/kg)	Detection Limit (mg/kg)
Total Aromatic Hydrocarbons	ND	
Benzene	ND	0.81
Toluene	ND	0.81
Ethylbenzene	ND	1.62
m,p-Xylenes	ND	0.81
o-Xyl e ne	ND	0.81
Total Recoverable Petroleum Hydrocarbons	152	26.8

Quality Control:	Surrogate Trifluorotoluene Bromofluorobenzene	Percent Recovery 98	Acceptance Limits 81 - 117%
	DIOIRUMOIODENZENE	98	74 - 121%

Reference:

Method 5030, Purge and Trap; Method 8020, Aromatic Volatile Organics; Test Methods for Evaluating Solid Wastes, SW-846, United States Environmental Protection Agency, Final Update I, July, 1992.

Method 3550 - Sonication Extraction; Test Methods for Evaluating Solid Waste, SW-846, United States Environmental Protection Agency, September, 1986; Method 418.1 - Petroleum Hydrocarbons, Total Recoverable; Chemical Analysis of Water and Waste, United States Environmental Protection Agency, 1978.

Comments:

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Organic Analysis - Pit Closure

Williams Field Services

Project ID:	OCD Pits ·	Report Date:	12/16/96
Sample ID:	SJ 27-5 #71 PM V-LF-01	Date Sampled:	12/09/96
Lab ID:	5911	Date Received:	12/09/96
Sample Matrix:	Soil	Date Extracted:	12/12/96
Preservative:	Cool	Date Analyzed:	12/13/96
Condition:	Intact		

Target Analyte		Concentration (mg/kg)	Detection Limit
Total Aromatic Hy	drocarbons	22.5	
	Benzene	ND	0.79
	Toluene	2.29	0.79
	Ethylbenzene	1.14	1.57
	m,p-Xylenes	15.2	0.79
	o-Xylen e	5.01	0.79
Total Recoverable Petroleum Hydrocarbons		971	54.9
Quality Control:	Surrogate	Percent Recovery	Acceptance Limits
	Trifluoratoluene	114	81 - 117%
	Decreef vor abanzona	113	74 - 121%

Bromofluorobenzene 113

Reference:

Method 5030, Purge and Trap; Method 8020, Aromatic Volatile Organics; Test Methods for Evaluating Solid Wastes, SW-846, United States

Environmental Protection Agency, Final Update I, July, 1992.

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Comments:

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