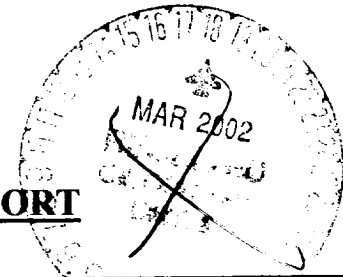


Risk  
Bedrock

State of New Mexico  
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088



**PIT REMEDIATION AND CLOSURE REPORT**

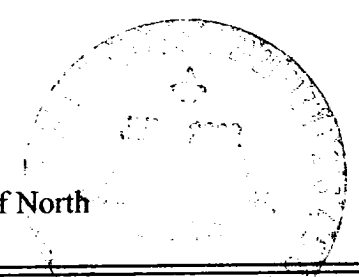
Operator: Phillips Petroleum (Williams Field Services) Telephone: (801) 584-6361  
Address: P.O. Box 58900, Salt Lake City, Utah 84158-0900  
WellName: SJ 29-5 UNIT #47A MV ( 85570 )  
Location: Unit or Qtr/Qtr Sec <sup>NE/WW</sup> Sec 4 T 29N R 5W County Rio Arriba  
PitType Dehydrator  
LandType: BLM

Pit Location: Pit dimensions: length 14 ft., width 14 ft., depth 3 ft.  
(Attach diagram)

Reference: Wellhead

Footage from reference: 54 ft.

Direction from reference: 76 Degrees West of North



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)

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 1,000 feet (10 points)  
Greater than 1,000 feet (0 points) 0

Ranking Score (TOTAL POINTS): 10

Date Remediation Started: 4/7/94

Date Completed: 4/8/94

Remediation Method: Excavation ☒

Approx. Cubic Yard 22

(check all appropriate sections)

Landfarmed ☒

In situ Bioremediation ☐

Other

Remediation Location:

Onsite ☒ Offsite Landfarm

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

General Description Of Remedial Action:

Excavate contaminated soil - encountered BEDROCK at 3'. Collect five point composite sample and landfarm soil. Return landfarmed soil to excavation.

Ground Water Encountered: 0

Final Pit:

Closure Sampling:

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

Sample location GO47AMVSO43-1-C

5 pt composite collected from floor and sidewalls.

Sample depth 3'

Sample date 4/8/94

Sample time 13:10

Sample Result

Benzene (ppm) ND

Total BTEX (ppm) 27.2

Field Headspace (ppm)

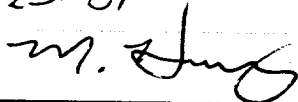
TPH (ppm) 1,111

Ground Water Sample: 0

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

DATE 12-20-01

SIGNATURE



PRINTED NAME  
AND TITLE

Mark Harvey for Williams Field Services  
Proj. Coord.

85570

#

# WILLIAMS FIELD SERVICES

ONE OF THE WILLIAMS COMPANIES

## DEHY PIT REMEDIATION REPORT

Well Name: SAN JUAN 29-5 #47A MU Date: 4-7-94  
 Location: Unit or Qtr/Qtr Sec 940' FNL 1630' FNL Sec 4 T 29N R 5W County Rio Arriba

Pit Location: Pit Dimensions: length 14 width 14 depth 3.5  
 Reference: wellhead ☒, other \_\_\_\_\_  
 Distance from reference: 54 ft  
 Direction from reference: 76° degrees East North X  
 of West South X

Remediation Start Date: 4-7-94 Completion Date: 4-8-94

Remediation Method: Excavation \_\_\_\_\_ Approx CY \_\_\_\_\_  
 Landfarmed \_\_\_\_\_ Approx CY \_\_\_\_\_  
 Bioremediation \_\_\_\_\_ Materials \_\_\_\_\_  
 Other Excavated and Aired over  
night. Approx 25 cyds

Remediation Location: On-site ☒ Off-site \_\_\_\_\_

General Description of Remediation Activity:  
Dug Pit and hit Rock 3' deep. Spread soil  
on location and left over night. Back Filled  
with soil from pit and on site materials.

Ground Water Encountered: No ☒ Yes \_\_\_\_\_ Depth \_\_\_\_\_  
 Ground Water Sampled: No ☒ Yes \_\_\_\_\_ Analysis \_\_\_\_\_

Sampling: Sample Location 1 point Composite

Sample Time 1310 Sampler's Name Mark Harvey

Sample Headspace (ppm) \_\_\_\_\_

TPH or BTEX Results (if available) \_\_\_\_\_

PREPARED BY: Mike Horne SIGNED: Mike Horne



875 Fee Fee Road • Maryland Heights, MO 63043 • (314) 434-4570 - FAX (314) 434-0080

CLIENT: BURLINGTON ENVIRONMENTAL, INC.  
210 WEST SAND BANK ROAD P.O. BOX 330  
COLUMBIA, IL 62236-0330  
ATTN: KATHY BLAINE

REPORT: 9449TPH(188)

DATE : 04-25-94

SAMPLE MATRIX : SOIL  
ATAS EPISODE : #9449  
DATE SUBMITTED: 04-12-94  
DATE ANALYZED : 04-18-94  
PROJECT : #11545 WILLIAMS FIELD SERVICE  
METHOD REF. : 418.1 (MISSOURI MODIFIED)

RESULTS REPORTED IN mg/Kg OR PARTS PER MILLION (PPM)

TOTAL PETROLEUM HYDROCARBONS

CLIENT ID	ATAS ID	REPORTING LIMIT	RESULTS
GO47APCNE048-1-C	9449.01	5	89
GO47APCNE048-1-D	9449.02	5	145
GO47APCNE048-2-C	9449.03	5	196
GO47AMVSW048-1-C	9449.04	50	1111
GOSCHALK#3NW048-2-C	9449.05	1250	11869
GOSCHALK#3NW048-1-C	9449.06	1250	5509

ND = NOT DETECTED ABOVE REPORTING LIMIT



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CLIENT: BURLINGTON ENVIRONMENTAL, INC.  
210 WEST SAND BANK ROAD P.O. BOX 330  
COLUMBIA, IL 62236-0330  
ATTN: KATHY BLAINE

REPORT: 944904BX(188)

DATE : 04-25-94

SAMPLE MATRIX : SOIL  
ATAS # : 9449.04  
DATE SUBMITTED: 04-12-94  
PROJECT : #11545 WILLIAMS FIELD SERVICE  
SAMPLE ID : GO47AMVSW048-1-C

PARAMETER	REPORTING LIMIT	UNIT	RESULTS	DATE ANALYZED	METHOD REFERENCE
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GAS CHROMATOGRAPHY

BENZENE	125	ug/Kg	ND	04-19-94	SW 8020
TOLUENE	125	ug/Kg	1780	04-19-94	SW 8020
ETHYLBENZENE	125	ug/Kg	328	04-19-94	SW 8020
XYLENES	1250	ug/Kg	43600	04-20-94	SW 8020
TOTAL BTEX		ug/Kg	27180		

QA/QC SURROGATE RECOVERY

BROMOFLUOROBENZENE (65-135%) 97 %

\* = OUTSIDE QC LIMIT ON BOTH ORIGINAL AND RERUN

ND = NOT DETECTED ABOVE REPORTING LIMIT

ug/Kg = PARTS PER BILLION (PPB)