

*Denny E. Faust*  
DEPUTY OIL & GAS INSPECTOR

MAY 04 1998

JICARILLA APACHE TRIBE  
ENVIRONMENTAL PROTECTION OFFICE  
P.O. BOX 507  
DULCE, NEW MEXICO 87528

*Approved*  
**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  
Facility or WellName: SJ 29-6 UNIT #10 ( 86047 )  
Location: Unit or Qtr/Qtr Sec B Sec 2 T 29N R 6W County: Rio Arriba  
LandType: State

**Pit Location:** Pit dimensions: length 15 ft., width 15 ft., depth 3 ft.  
(Attach diagram)  
Reference: Wellhead  
Footage from reference: 92 ft.  
Direction from reference: 90 Degrees West of North

<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>Distance to an Ephemeral Stream</b> (Downgradient dry wash greater than ten feet in width)	Less than 100 feet (10 points) Greater than 100 feet (0 points)	<u>0</u>
<b>Distance to Nearest Lake, Playa, or Watering Pond:</b> (Downgradient lakes, playas and livestock or wildlife watering ponds)	Less than 100 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 1000 feet from all other water)	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>

**RANKING SCORE (TOTAL POINTS):** 0

**Date Remediation Started:****Date Completed:****Remediation Method:** Excavation ☐

Approx. Cubic Yards

(Check all appropriate sections)

Landfarmed ☐Insitu Bioremediation ☐

Other

Assessment

**Remediation Location:**Onsite ☐ Offsite

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

**General Description Of Remedial Action**

The pit was assessed by collecting a 3 - point composite soil sample.

**Ground Water Encountered:**

No

**Final Pit:****Closure Sampling:**

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

Sample Location A composite sample, made up of 3 points from 3 feet below the pit bottom, was collected..

Sample depth 3 feet

Sample date 8/19/97

Sample time 12:05

**Sample Results**Soil: Benzene (ppm) 0.28

Soil: Benzene (ppb) \_\_\_\_\_

Total BTEX (ppm) 35.82

Total BTEX (ppb) \_\_\_\_\_

Field Headspace (ppm)

Field Headspace (ppb) \_\_\_\_\_

TPH (ppm) 790

TPH (ppb) \_\_\_\_\_

**Ground Water Sample:**

NA

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

DATE 1/12/98

PRINTED NAME MARK HARVEY

SIGNATURE

AND TITLE PROJECT COORDINATOR

AFTER REVIEW OF THE PIT CLOSURE INFORMATION, PIT CLOSURE IS APPROVED IN ACCORDANCE TO THE JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE.

APPROVED: YES \_\_\_ NO \_\_\_ (REASON) \_\_\_\_\_

SIGNED:

DATE:

# PIT ASSESSMENT FORM

AssessDate: 8/19/97 <sup>6-2</sup>

Meter: 86047

Well Name: SJ 29-6 #10MV

Un S 2 T 29N R 6W

County: RIO ARriba

Operator: PHILLIPS PETROLEUM

Pit Type: DEHY

Land Type: \_\_\_\_\_

## Pit Information:

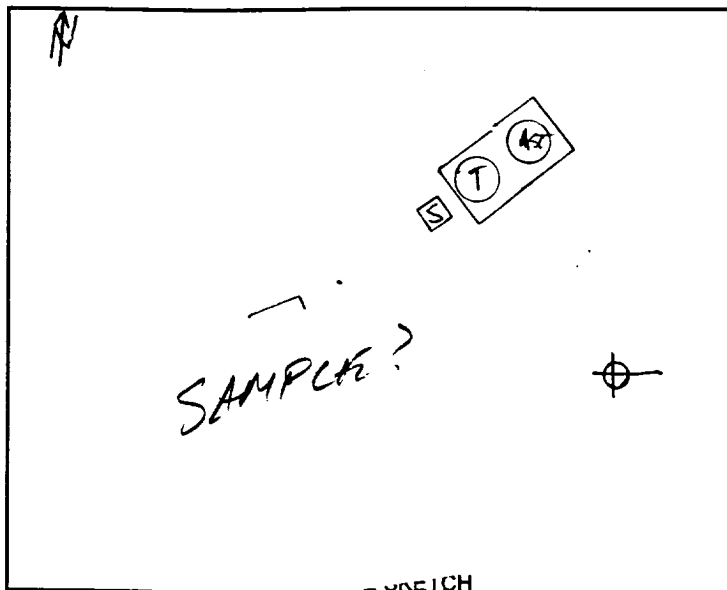
Reference: WELLHEAD

Distance: 92'

Degrees: 90 W of N

Starting Pit Dimensions: 15 x 15 x 3 ft.

Ground Water Encountered? ☐



## Ranking Information:

Depth To Ground Water:

☐ <50 ft

☒ 50 ft <100 ft

☐ >100 ft

Wellhead Protection Area:

<200 ft from private domestic source, or; <1,000 ft from all other sources

☐ Yes

☒ No

Distance To Surface Water:

☐ <200 ft

☐ >200 ft <1,000 ft

☒ >1,000 ft

## Sampling Information:

GeneralDescription:

INSIDE VULNERABLE AREA

EARTHEN PIT - NO TANK

SampleLocation:

SAMPLED IN 1994 STANDARD TRIANGLE

Sample ID:

NO SAMPLE SJ 29-6 #10 - AS-01

SampleTime: 12:05

SamplerName:

ALLEN S. HAINES

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

Prepared By:

ALLEN S. HAINES

Preparation Date:

8/20/97

Ready For Closure?

☐

## ORGANIC ANALYSIS REPORT

Client: Williams Field Services  
Date Sampled: August 19, 1997  
Date Received: August 20, 1997

Contact: Mark Harvey  
Date Extracted: August 20, 1997  
Date Analyzed: August 20, 1997

Analysis Requested:  
Volatile Aromatics  
Total Petroleum Hydrocarbons

Method Ref. Number:  
SW-846 #8020/8015 modified  
(Extraction-Sequential GC/PID-FID)

Field Sample ID:  
97 PIT ASSESSMENT  
SJ 29-6 #10-AS-01 @ 12:05

Lab Sample ID:  
L30381-4

### Analytical Results

Units = mg/kg(ppm)

**BTX/TPH-E**

<u>Compound:</u>	<u>Reporting Limit:</u>	<u>Amount Detected:</u>
Benzene	0.10	0.28
Toluene	0.10	6.6
Ethylbenzene	0.10	0.94
Total Xylene	0.10	28.
Total Petroleum Hydrocarbons	2.0	790.

% Moisture

**19.%**

\* All compounds are reported on a dry weight basis.

Released By: \_\_\_\_\_  
Laboratory Supervisor

Report Date: August 25, 1997

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