

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

SUBMIT 1 COPY TO  
NATURAL RESOURCE DEPT  
AND OIL & GAS ADMINISTRATION

**PIT REMEDIATION AND CLOSURE REPORT**

CA370

*Approved 2/26/97*

Operator: CONOCO, INC. Telephone: (505) 324-5884  
Address: 3315 Bloomfield Hwy., Farmington, NM 87401  
Facility or Well Name: JICARILLA E14  
Location: Unit or Qtr/Qtr Sec D Sec 15 T26N R 4W County DO ARriba  
Pit Type: Separator      Dehydrator      Other COMPRESSOR  
Land Type: RANGE

Pit Location: Pit dimensions: length 40', width 35', depth 33'  
(Attach diagram) Reference: wellhead X, other       
Footage from reference: 25'  
Direction from reference: 45 Degrees X East of North       
     West of South X

**Depth To Groundwater:**

(Vertical distance from  
contaminants to seasonal  
high water elevation of  
groundwater)

**RECEIVED**  
OCT 29 1996

Less than 50 feet  
50 feet to 99 feet  
Greater than 100 feet

(20 points)  
(10 points)  
(0 points)

10

**Distance to an Ephemeral Stream**

(Downgradient dry wash greater than  
ten feet in width)

**OIL CON. DIV.**  
DIST. 2

Less than 100 feet  
Greater than 100 feet

(10 points)  
(0 points)

0

**Distance to Nearest Lake, Playa, or Watering Pond**

(Downgradient lakes, playas and  
livestock or wildlife watering ponds)

Less than 100 feet  
Greater than 100 feet

(10 points)  
(0 points)

0

**Wellhead Protection Area:**

(Less than 200 feet from a private  
domestic water source, or: less than  
1000 feet from all other water sources)

Yes  
No

(20 points)  
(0 points)

0

**Distance To Surface Water:**

(Horizontal distance to perennial  
lakes, ponds, rivers, streams, creeks,  
irrigation canals and ditches)

Less than 100 feet  
100 feet to 1000 feet  
Greater than 1000 feet

(20 points)  
(10 points)  
(0 points)

0

**RANKING SCORE (TOTAL POINTS):**

10

Date Remediation Started: \_\_\_\_\_

Date Completed: 6/5/96

Remediation Method:  
Check all appropriate  
sections)

Excavation ☒

Landfarmed ☒

Other \_\_\_\_\_

Approx. cubic yards 1700

Insitu Bioremediation \_\_\_\_\_

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

Onsite \_\_\_\_\_

Offsite ☒

JICARILLA LANDFARM # 7

General Description of Remedial Action:

Excavation + Haul. BEDROCK BOTTOM.

Groundwater Encountered:

No ☒

Yes \_\_\_\_\_

Depth \_\_\_\_\_

Final Pit:

Closure Sampling:

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

Sample location see Attached Documents

Sample depth 33'

Sample date 6/5/96

Sample time 0930

Sample Results

Soil: Benzene

(ppm) \_\_\_\_\_

Total BTEX

(ppm) \_\_\_\_\_

Field Headspace

(ppm) 604

TPH

(ppm) -

Water: Benzene

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

Toluene

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

Ethylbenzene

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

Total Xylenes

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

Groundwater Sample:

Yes \_\_\_\_\_

No ☒

(If yes, attach sample results)

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

DATE

6/5/96

PRINTED NAME

Jeffrey C. Blagg, P.E. #11607

SIGNATURE

Jeffrey C. Blagg

AND TITLE

President

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: James C. Mammell

DATE: 6-5-96

CLIENT: <u>CONOCO</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>CA 370</u> C.D.C. NO: <u>—</u>
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## FIELD REPORT: PIT CLOSURE VERIFICATION

LOCATION: <u>JICARILLA E 14</u>	PIT TYPE: <u>COMPRESSOR</u>	DATE STARTED: <u>5-24-96</u>
QUAD/UNIT: <u>D SEC. 15 TWP. 26 N RNG. 4 W BM: NM CNTY: R.A. ST: NM</u>		DATE FINISHED: <u>6-5-96</u> <u>NU</u>
QTR/FOOTAGE: <u>1025' FNL, 1115' FWL</u> , CONTRACTOR: <u>ACME</u>		ENVIRONMENTAL SPECIALIST: <u>REO/NU</u>

EXCAVATION APPROX. <u>40</u> FT. x <u>35</u> FT. x <u>33</u> FT. DEEP: <u>MAY</u>	CUBIC YARDS: <u>1700</u>
DISPOSAL FACILITY: <u>JICARILLA L.F. - 7</u>	REMEDICATION METHOD: <u>LAND FARM</u>
LAND USE: <u>RANGE</u>	LEASE: <u>CONTRACT # 104</u> FORMATION: <u>          </u>

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 25 FEET S45°E FROM WELLHEAD.  
DEPTH TO GROUNDWATER: >50' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: >1000'  
NMOCD RANKING SCORE 10 NMOCD TPH CLOSURE STD: 1000 PPM  
SOIL AND EXCAVATION DESCRIPTION: PIT DISPOSITION: ABANDONED

SOIL CONSISTS OF SILTY SAND. NO STAIN - ODOOR IN BOTTOM SAMPLE ONLY.  
CONTAMINATION REMAINS IN BOTTOM.

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ON 6/3/96 - PIT AREA EXCAVATED TO 33' TOTAL DEPTH. BOTTOM CONSIST OF SHALE,  
SOFT TO HARD HC ODOR DETECTED IN OVM SAMPLE. DUE TO BEDROCK  
BOTTOM, NO TPH ANALYSIS WAS CONDUCTED.

BEDROCK  
BOTTOM

FIELD 418.1 CALCULATIONS

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SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm
CB022'	1727	10.0	20.0	10	240	4800

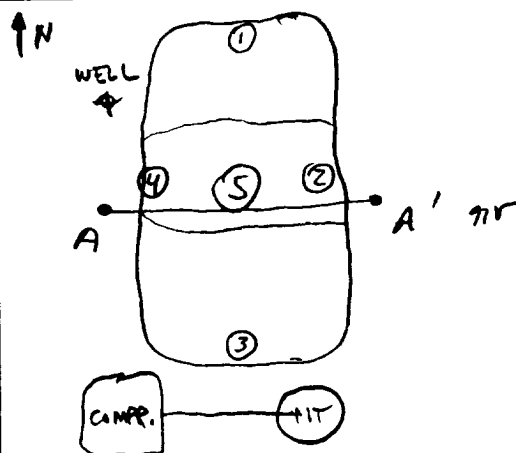
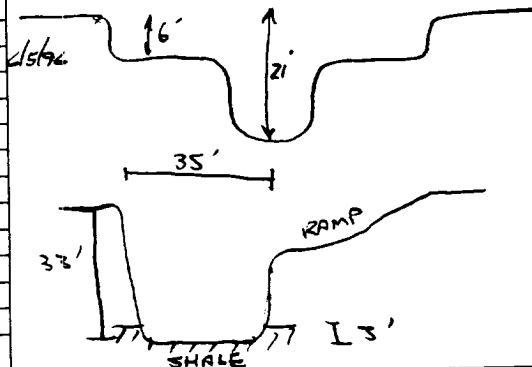
### SCALE

0 10 20 FT

# PIT PERIMETER

## OVM RESULTS

## PIT PROFILE

[illegible]

TRAVEL NOTES: CALLOUT: 5-23-96 ONSITE: 5-24-96 1040

**BLAGG ENGINEERING, INC.**  
P.O. Box 87, Bloomfield, New Mexico 87413  
Phone: (505)632-1199 Fax: (505)632-3903

**FIELD MODIFIED EPA METHOD 418.1  
TOTAL PETROLEUM HYDROCARBONS**

Client:	Conoco	Project #:	
Sample ID:	Center Bottom @ 22'	Date Analyzed:	5-24-96
Project Location:	Jicarilla E 14	Date Reported:	5-24-96
Laboratory Number:	TPH-1727	Sample Matrix:	Soil

Parameter	Result, mg/kg	Detection Limit, mg/kg
Total Recoverable Petroleum Hydrocarbons	4,800	100

ND = Not Detectable at stated detection limits.

QA/QC:	QA/QC Sample TPH mg/kg	Duplicate TPH mg/kg	% *Diff.
	724	568	24

\*Administrative Acceptance limits set at 30%.

Method: Modified Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No.4551, 1978

Comments: Compressor Pit - CA370

R. E. O'Neill  
Analyst

Helena V. [Signature]  
Review