

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

*Denny S. Faust* SUBMIT 1 COPY TO  
NATURAL RESOURCE DEPT  
DEPUTY OIL & GAS INSPECTOR  
AND OIL & GAS ADMINISTRATION

AUG 23 1996

PIT REMEDIATION AND CLOSURE REPORT

CA 346

Operator: Conoco, Inc. Telephone: (505) 324-5884  
Address: 3315 Bloomfield Hwy. Farmington, NM 87401  
Facility or Well Name: AXI APACHE "O" #10  
Location: Unit or Qtr/Qtr Sec J Sec 3 T 25N R 4W County RIO ARIZONA  
Pit Type: Separator X Dehydrator      Other       
Land Type: RANGE

Pit Location: Pit dimensions: length 20', width 20', depth 6'  
(Attach diagram) Reference: wellhead X, other       
Footage from reference: 100  
Direction from reference: 30 Degrees      East of North X  
X West of South     

Depth To Groundwater: (Vertical distance from contaminants to seasonal high water elevation of groundwater)	Less than 50 feet (20 points) 50 feet to 99 feet (10 points) Greater than 100 feet (0 points)	<u>0</u>
Distance to an Ephemeral Stream (Dry Wash greater than ten feet in width)	Less than 100 feet (10 points) Greater than 100 feet (0 points)	<u>0</u>
Distance to Nearest Lake, Playa, or Watering Pond (Dry Wash greater than ten feet in width)	Less than 100 feet (10 points) Greater than 100 feet (0 points)	<u>0</u>
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)	<u>0</u>
Distance To Surface Water: (Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)	Less than 100 feet (20 points) 100 feet to 1000 feet (10 points) Greater than 1000 feet (0 points)	<u>0</u>

RANKING SCORE (TOTAL POINTS): 0

RECEIVED  
JUN - 5 1996  
OIL CON. DIV.  
DIST. 3

Date Remediation Started: \_\_\_\_\_ Date Completed: 3-19-96Remediation Method: Excavation X Approx. cubic yards 88Check all appropriate  
sections)Landfarmed X Insitu Bioremediation \_\_\_\_\_

Other \_\_\_\_\_

Remediation Location: Onsite \_\_\_\_\_ Offsite X JICARILLA LANDFARM # 2  
(i.e. landfarmed onsite,  
name and location of  
offsite facility)General Description of Remedial Action: EXCAVATIONGroundwater Encountered: No X Yes \_\_\_\_\_ Depth \_\_\_\_\_Final Pit: Sample location CENTER BOTTOMClosure Sampling:  
(if multiple samples,  
attach sample results  
and diagram of sample  
locations and depths)Sample depth 6'Sample date 3-19-96 Sample time \_\_\_\_\_

## Sample Results

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

Total BTEX (ppm) \_\_\_\_\_ Toluene (ppb) \_\_\_\_\_

Field Headspace (ppm) 61 Ethylbenzene (ppb) \_\_\_\_\_TPH (ppm) 360 Total Xylenes (ppb) \_\_\_\_\_Groundwater Sample: Yes \_\_\_\_\_ No X (If yes, attach sample results)I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY  
KNOWLEDGE AND BELIEFDATE 3-19-96 PRINTED NAME JEFFREY C. BLAGGSIGNATURE Jeffrey C. Blagg AND TITLE P.E. #11607, PRESIDENTAFTER REVIEW OF THE PIT CLOSURE INFORMATION, PIT CLOSURE IS APPROVED IN ACCORDANCE  
TO THE JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE.APPROVED: YES X NO \_\_\_\_\_ (REASON) \_\_\_\_\_SIGNED: Keith C. Mammill DATE: 3-22-96

CLIENT: <u>CONOCO</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>CA346</u> C.D.C. NO: <u>    </u>
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### FIELD REPORT: PIT CLOSURE VERIFICATION

LOCATION: <u>AXI APACHE "O" #10</u>	PIT TYPE: <u>SEP.</u>	DATE STARTED: <u>3-19-96</u>
QUAD/UNIT: <u>J SEC: 3</u>	TWP: <u>25N</u> RNG: <u>4W</u> BM: <u>NM</u> CNTY: <u>RA</u> ST: <u>NM</u>	DATE FINISHED: <u>3-19-96</u>
QTR/FOOTAGE: <u>    </u> CONTRACTOR: <u>PAUL</u>		ENVIRONMENTAL SPECIALIST: <u>PEC</u>

EXCAVATION APPROX. 20 FT. x 20 FT. x 6 FT. DEEP. CUBIC YARDS: 88

DISPOSAL FACILITY: JICAPILLA LANDFARM #2 REMEDIATION METHOD: LANDFARM

LAND USE: RANGE LEASE: INDIAN CONTRACT #122 FORMATION:     

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 100 FEET N30°W FROM WELLHEAD.

DEPTH TO GROUNDWATER: 7100' NEAREST WATER SOURCE: 71000' NEAREST SURFACE WATER: 71000'

NMOCB RANKING SCORE: 0 NMOCB TPH CLOSURE STD: 5000 PPM

SOIL AND EXCAVATION DESCRIPTION: PIT DISPOSITION: A BARRICADED

PIT EXCAVATED INTO SILTSTONE / SANDSTONE. MOIST, BROWN, NO ODOR / NO STAIN.

#### FIELD 418.1 CALCULATIONS

SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm
<u>CB @ 6'</u>	<u>1699</u>	<u>10.0</u>	<u>20.0</u>	<u>1</u>	<u>178</u>	<u>356</u>

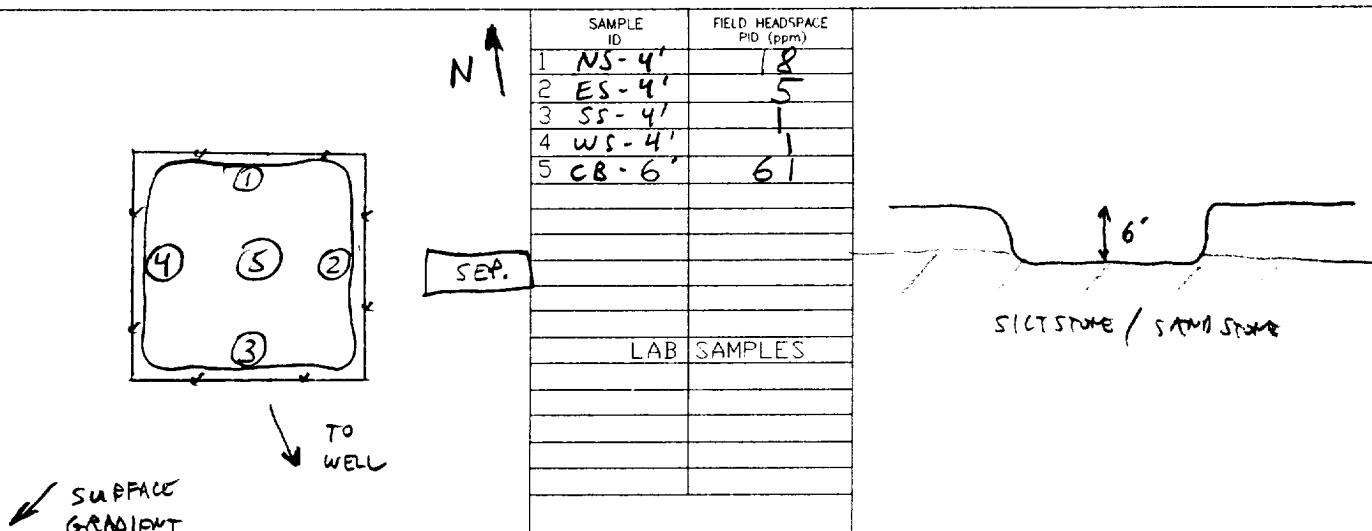
CLOSE PIT



PIT PERIMETER

OVM RESULTS

PIT PROFILE



TRAVEL NOTES: CALLOUT: 3-18-96 ONSITE: 3-19-96 1000

**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 @ 6'	Date Analyzed:	3-19-96
Project Location:	AXI Apache "O" 10	Date Reported:	3-19-96
Laboratory Number:	TPH-1699	Sample Matrix:	Soil

Parameter -----	Result, mg/kg -----	Detection Limit, mg/kg -----
Total Recoverable Petroleum Hydrocarbons	<b>360</b>	<b>10</b>

ND = Not Detectable at stated detection limits.

QA/QC:	QA/QC Sample TPH mg/kg -----	Duplicate TPH mg/kg -----	% *Diff. -----
	8,440	8,640	2

\*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: Separator Pit - CA346

R. E. Onall  
Analyst

J. C. Blagg  
Review