

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

SUBMIT 1 COPY TO
NATURAL RESOURCES DEPT
DEPUTY OIL & GAS INSPECTOR

AUG 23 1996

PIT REMEDIATION AND CLOSURE REPORT

CA350

Operator: Conoco, Inc. Telephone: (505) 324-5884
Address: 3315 Bloomfield Hwy. Farmington, NM 87401
Facility or Well Name: JICARILLA B # 15
Location: Unit or Qtr/Qtr Sec J Sec 36 T 26 N R 4 W County RIO ARriba
Pit Type: Separator X Dehydrator Other TANK DRAIN
Land Type: RANGE

Pit Location: Pit dimensions: length 28', width 20', depth 6'
(Attach diagram) Reference: wellhead X, other
Footage from reference: 110
Direction from reference: 45 Degrees East of North
X West of South X

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

Date Remediation Started: _____ Date Completed: 3-27-96

Remediation Method: Excavation X Approx. cubic yards 125
 (check all appropriate sections) Landfarmed X Insitu Bioremediation _____
 Other _____

Remediation Location: Onsite _____ Offsite X JICARILLA LAND FARM # 2
 (i.e. landfarmed onsite, name and location of offsite facility)

General Description of Remedial Action: EXCAVATION TO SHALE BOTTOM

Groundwater Encountered: No X Yes _____ Depth _____

Final Pit: Sample location WEST SIDE
 Closure Sampling: _____
 (if multiple samples, attach sample results and diagram of sample locations and depths) Sample depth 4'
 Sample date 3-27-96 Sample time _____

Sample Results

Soil: Benzene	(ppm)	_____	Water: Benzene	(ppb)	_____
Total BTEX	(ppm)	_____	Toluene	(ppb)	_____
Field Headspace	(ppm)	<u>48</u>	Ethylbenzene	(ppb)	_____
TPH	(ppm)	<u>200</u>	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 BELIEF

DATE MARCH 28, 1996 PRINTED NAME JEFFREY C. BLAGG
 SIGNATURE Jeffrey C. Blagg AND TITLE P.E. # 11607

AFTER 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: Ken C. Williams DATE: 3-29-96

CLIENT: <u>CoNoCo</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>C350</u> C.O.C. NO: <u> </u>
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FIELD REPORT: PIT CLOSURE VERIFICATION

LOCATION: JICARILLA B #15	PIT TYPE: TANK/SEP.	DATE STARTED: 3-27-96
QUAD/UNIT: J SEC: 36 TWP: 26N RNG: 4W BM: NM CNTY: R.A. ST: NM		DATE FINISHED: 3-27-96
QTR/FOOTAGE: NW/SE	CONTRACTOR: PAUL	ENVIRONMENTAL SPECIALIST: PEO

EXCAVATION APPROX. 20 FT. x 28 FT. x 6 FT. DEEP. CUBIC YARDS: 125
DISPOSAL FACILITY: JICAILLA LANDFARM #2 REMEDIATION METHOD: LANDFARM
LAND USE: RANGE LEASE: CONTRACT # 106 FORMATION: _____

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 110 FEET 545°W FROM WELLHEAD

DEPTH TO GROUNDWATER: >100' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: >1000'

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

140' TO WASH TO S.E. ~5' WIDE

SOIL AND EXCAVATION DESCRIPTION: PIT DISPOSITION: ABANDONED

PIT EXCAVATED INTO SHALE - NO MIGRATION LIKELY.
SOME STAIN + GAS IN BOTTOM SHALE.

FIELD 418.1 CALCULATIONS						
SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm
WS04'	1703	10.0	20.0	1	100	200

BED ROCK

SCALE

0 10 20 FT

PIT PERIMETER

OVM RESULTS

PIT PROFILE

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1 NS-4'	1
2 ES-4'	1
3 SS-4'	1
4 WS-4'	48
5 CB-6'	353

LAB SAMPLES

SHALE

6"

TRAVEL NOTES: CALLOUT: 3-26-96 ONSITE: 3-27-96 1245

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:	West Side @ 4'	Date Analyzed:	3-27-96
Project Location:	Jicarilla "B" 15	Date Reported:	3-27-96
Laboratory Number:	TPH-1703	Sample Matrix:	Soil

Parameter -----	Result, mg/kg -----	Detection Limit, mg/kg -----
Total Recoverable Petroleum Hydrocarbons	200	10

ND = Not Detectable at stated detection limits.

QA/QC:	QA/QC Sample TPH mg/kg -----	Duplicate TPH mg/kg -----	% *Diff. -----
	4,640	4,500	3

*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/Tank Pit - CA350

R. E. O'Neill
Analyst

Nelson Veliz
Review