

AND OIL & GAS ADMINISTRATION

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SUBM

NATURAL RES

AND OIL & GAS ADMIN

FEB 2003

PORT

Date Remediation Started: 3/18/02

Date Completed: 3/20/02

Remediation Method:
(Check all appropriate
sections)

Excavation ☒

Approx. cubic yards 455

Landfarmed ☒

Insitu Bioremediation _____

Other _____

Remediation Location:

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

Onsite ☒ Offsite _____

General Description of Remedial Action: EXCAVATE & LANDFARM

Groundwater Encountered:

No ☒ Yes _____ Depth _____

Final Spill

Closure Sampling:

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

Sample location ① TEST HOLE @ 12' BGS, SOUTH CENTER OF PIT

② SIDE WALL @ 7' BGS, EAST SIDE

Sample depth 12'

Sample date 3/18/02

Sample time 1200

Sample Results

Soil: Benzene

(ppm) ① 2.8

②

~~Water: Benzene~~

(ppb) NA

Total BTEX

(ppm) 8.69

0.021

~~Toluene~~

(ppb) NA

Field Headspace

(ppm) 239.7

143

~~Ethylbenzene~~

(ppb) NA

TPH

(ppm) 42.8

ND

~~Total Xylenes~~

(ppb) NA

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 3/28/02

PRINTED NAME JEFFREY C. BLAGG

SIGNATURE Jeffrey C. Blagg

AND TITLE NMPE 11607

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

APPROVED: YES ☒ NO _____ (REASON) _____

SIGNED: [Signature]

DATE: 4/23/02

CLIENT: <u>CONOCO, INC.</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: _____ COCR NO: <u>9801</u> <u>9867</u>
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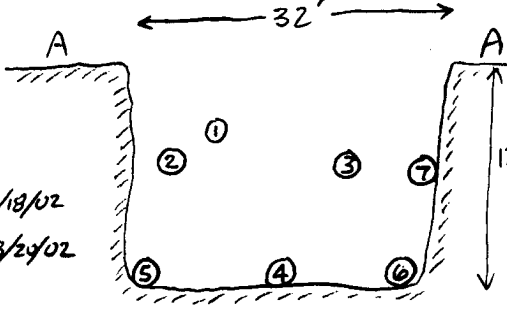
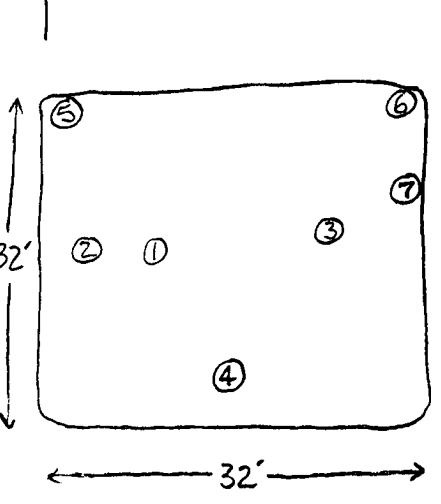
FIELD REPORT: SPILL CLOSURE VERIFICATION	PAGE No: <u>1</u> of <u>1</u>
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LOCATION: NAME: <u>JICARILLA E</u> WELL#: <u>12 A</u> TYPE: <u>SEP/TANK</u> QUAD/UNIT: <u>D</u> SEC: <u>22</u> TWP: <u>26N</u> RNG: <u>4W</u> PM: <u>NM</u> CNTY: <u>RA</u> ST: <u>NM</u> QTR/FOOTAGE: <u>30' FNL x 1150' FWL</u> CONTRACTOR: <u>ARTEL/HIGH DESERT</u>	DATE STARTED: <u>3-18-02</u> DATE FINISHED: <u>3-20-02</u> ENVIRONMENTAL SPECIALIST: <u>JCB</u>
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EXCAVATION APPROX. <u>32</u> FT. x <u>32</u> FT. x <u>12</u> FT. DEEP. CUBIC YARDAGE: <u>455 ±</u>
DISPOSAL FACILITY: <u>ON SITE</u> REMEDIATION METHOD: <u>LANDFARM</u>
LAND USE: <u>JICARILLA RANGE</u> LEASE: <u>CONT. 104</u> FORMATION: _____

FIELD NOTES & REMARKS:	PIT LOCATED APPROXIMATELY <u>75</u> FT. <u>N 10° E</u> FROM WELLHEAD.
DEPTH TO GROUNDWATER: <u>>50</u>	NEAREST WATER SOURCE: <u>>100</u>
NEAREST SURFACE WATER: <u>>1000</u>	
JIC NMOSB-RANKING SCORE: <u>20</u>	JIC NMOSB-TPH CLOSURE STD: <u>100</u> PPM

SOIL AND EXCAVATION DESCRIPTION: SOIL TYPE: SAND / <u>SILTY SAND</u> / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER _____ SOIL COLOR: <u>VARIABLE LITE TAN TO LITE GREEN</u> COHESION (ALL OTHERS): <u>NON COHESIVE</u> / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE CONSISTENCY (NON COHESIVE SOILS): <u>LOOSE</u> / FIRM / DENSE / VERY DENSE PLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC DENSITY (COHESIVE CLAYS & SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARD MOISTURE: DRY / <u>SLIGHTLY MOIST</u> / MOIST / WET / SATURATED / SUPER SATURATED DISCOLORATION/STAINING OBSERVED: YES <u>NO</u> EXPLANATION - <u>SIDEWALLS x BOTTOM EXCAVATED</u> HC ODOR DETECTED: YES <u>NO</u> EXPLANATION - <u>V. MINOR ON E. SIDEWALL</u> SAMPLE TYPE: <u>GRAB</u> / COMPOSITE - # OF PTS. _____ ADDITIONAL COMMENTS: <u>USED TRACKHOE TO EXCAVATE PIT & SAMPLE.</u> <u>SAMPLE ID TH@12' COLLECTED 3/18/02</u> <u>OTHR SAMPLES COLLECTED 3/20/02</u>	OVM CALIB. READ. = _____ ppm OVM CALIB. GAS = _____ ppm RF = 0.52 TIME: _____ am/pm DATE: _____
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SCALE  0 FT N PIT PERIMETER	FIELD 418.1 CALCULATIONS <table border="1" style="width:100%"> <thead> <tr> <th>SAMP. TIME</th> <th>SAMP. ID</th> <th>LAB NO.</th> <th>WEIGHT (g)</th> <th>mL FREON</th> <th>DILUTION</th> <th>READING</th> <th>CALC. (ppm)</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	SAMP. TIME	SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. (ppm)																									PIT PROFILE 
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