

80818

District I
P.O. Box 1980, Hobbs, NM
District II
P.O. Drawer DD, Artesia, NM 88211
District III
1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

SUBMIT 1 COPY TO
APPROPRIATE
DISTRICT OFFICE
AND 1 COPY TO
SANTA FE OFFICE

OK
9/12/01
PIT REMEDIATION AND CLOSURE REPORT

Operator: Amoco Production Company Telephone: (505) - 326-9200
Address: 200 Amoco Court, Farmington, New Mexico 87401
Facility Or: RIDDLE D LS # 4
Well Name _____
Location: Unit or Qtr/Qtr Sec A Sec 22 T 31N R 9W County SAN JUAN
Pit Type: ABANDONED Separator ☒ Dehydrator _____ Other _____
Land Type: BLM ☒, State _____, Fee _____, Other _____

Pit Location: Pit dimensions: length 13', width 13', depth 7'
(Attach diagram) Reference: wellhead ☒, other _____
Footage from reference: 84'
Direction from reference: 5 Degrees ☒ East North _____
_____ of _____
_____ West South ☒

Depth To Ground Water: Less than 50 feet (20 points)
(Vertical distance from 50 feet to 99 feet (10 points)
contaminants to seasonal Greater than 100 feet (0 Points) 0
high water elevation of
ground water)

Wellhead Protection Area: Yes (20 points) 0
(Less than 200 feet from a private No (0 points) _____
domestic water source, or; less than
1000 feet from all other water sources)

Distance To Surface Water: Less than 200 feet (20 points)
(Horizontal distance to perennial 200 feet to 1000 feet (10 points)
lakes, ponds, rivers, streams, creeks, Greater than 1000 feet (0 points) 0
irrigation canals and ditches)

RANKING SCORE (TOTAL POINTS): 0

130818 ARAN. SEP.

Date Remediation Started: _____ Date Completed: 12/6/00

Remediation Method: Excavation ☒ Approx. cubic yards 40
(Check all appropriate sections) Landfarmed ☒ Insitu Bioremediation _____

Other _____

Remediation Location: Onsite ☒ Offsite _____
(ie. landfarmed onsite, name and location of offsite facility)

General Description Of Remedial Action: _____

Excavation ,

Ground Water Encountered: No ☒ Yes _____ Depth _____

Final Pit: Sample location see Attached Documents

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

Sample depth 8' (PIT Bottom)

Sample date 12/4/00 Sample time 1205

Sample Results

Benzene(ppm) 0.029

Total BTEX(ppm) 2.830

Field headspace(ppm) 122.3

TPH 109 ppm

Ground Water 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 12/6/00

SIGNATURE

B. Shaw

PRINTED NAME
AND TITLE

Buddy D. Shaw
ENVIRONMENTAL COORDINATOR

CLIENT: <u>AMOCO</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>80818</u> C.O.C. NO: _____
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FIELD REPORT: CLOSURE VERIFICATION		PAGE No: <u>1</u> of <u>1</u>
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LOCATION: NAME <u>RIDDLE D LS WELL # 4</u> PIT <u>ABAND. SEP.</u> QUAD/UNIT: <u>A</u> SEC: <u>22</u> TWP: <u>31N</u> RNG: <u>9W</u> PM: <u>NM</u> CNTY: <u>SJ</u> ST: <u>NM</u> QTR/FOOTAGE: <u>990N/990E</u> NENE CONTRACTOR: <u>FLINT</u>	DATE STARTED: <u>12/4/00</u> DATE FINISHED: _____ ENVIRONMENTAL SPECIALIST: <u>NV</u>
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EXCAVATION APPROX. <u>13</u> FT. x <u>13</u> FT. x <u>7</u> FT. DEEP. CUBIC YARDAGE: <u>40</u>
DISPOSAL FACILITY: <u>ON-SITE</u> REMEDIATION METHOD: <u>LANDFARMED</u>
LAND USE: <u>RANGE</u> LEASE: <u>SF-012647</u> FORMATION: <u>MV</u>

FIELD NOTES & REMARKS:	PIT LOCATED APPROXIMATELY <u>84</u> FT. <u>SSE</u> FROM WELLHEAD
DEPTH TO GROUNDWATER: <u>>100'</u>	NEAREST WATER SOURCE: <u>>1000'</u> NEAREST SURFACE WATER: <u>>1000'</u>
NMOCB RANKING SCORE: <u>0</u>	NMOCB TPH CLOSURE STD: <u>5000</u> PPM
SOIL AND EXCAVATION DESCRIPTION:	☒ CHECK ONE ☒ PIT ABANDONED ☐ STEEL TANK INSTALLED ☐ FIBERGLASS TANK INSTALLED
	OVM CALIB. READ. <u>53.4</u> ppm TIME: <u>1100</u> <u>am</u> <u>12/4/00</u>

MOSTLY DK. YELL. ORANGE SILTY CLAY TO CLAY (CALICHE), SLIGHTLY PLASTIC, SLIGHTLY MOIST TO MOIST FIRM TO SLIGHTLY STIFF NO APPARENT DISCOLORATION OBSERVED, HC ODOR DETECTED IN PIT BOTTOM OVM SAMPLE ONLY.

(CLOSED)

SCALE

0 FT

FIELD 418.1 CALCULATIONS

TIME	SAMPLE I.D.	LAB No.	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm
1205							

PIT PERIMETER

OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1 @ 4'	8.4
2 @ 4'	7.0
3 @ 4'	4.2
4 @ 4'	0.0
5 @ 8'	122.3

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
5 @ 8'	TAH (805)	1205
"	STEX (802)	"

PIT PROFILE

TRAVEL NOTES: CALLOUT: 12/4/00-MORN. ONSITE: 12/4/00-MORN.

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

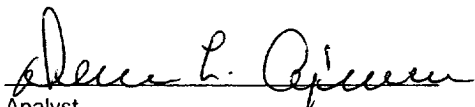
Client:	Blagg / BP	Project #:	403410
Sample ID:	5 @ 8'	Date Reported:	12-06-00
Laboratory Number:	18930	Date Sampled:	12-04-00
Chain of Custody No:	8253	Date Received:	12-05-00
Sample Matrix:	Soil	Date Extracted:	12-06-00
Preservative:	Cool	Date Analyzed:	12-06-00
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

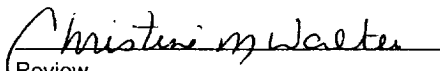
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	52.4	0.2
Diesel Range (C10 - C28)	56.1	0.1
Total Petroleum Hydrocarbons	109	0.1

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Riddle D LS #4 Abandoned Separator Pit.**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg / BP	Project #:	403410
Sample ID:	5 @ 8'	Date Reported:	12-06-00
Laboratory Number:	18930	Date Sampled:	12-04-00
Chain of Custody:	8253	Date Received:	12-05-00
Sample Matrix:	Soil	Date Analyzed:	12-06-00
Preservative:	Cool	Date Extracted:	12-06-00
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	29.0	1.8
Toluene	501	1.7
Ethylbenzene	225	1.5
p,m-Xylene	1,520	2.2
o-Xylene	557	1.0
Total BTEX	2,830	

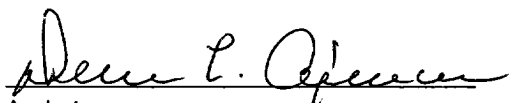
ND - Parameter not detected at the stated detection limit.

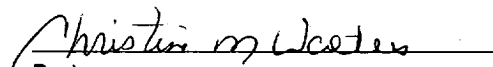
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	100 %
	Bromofluorobenzene	100 %

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Riddle D LS #4 Abandoned Separator Pit.


Analyst


Review

0825,

[illegible]