

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-144
June 1, 2004

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

For drilling and production facilities, submit to appropriate NMOCD District Office.
For downstream facilities, submit to Santa Fe office

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes ☒ No ☐

Type of action: Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank ☒

Operator: BP America Production Company Telephone: (505)326-9200 e-mail address: _____
Address: 200 Energy Ct. Farmington, NM 87401
Facility or well name: Elliot GC D#1 API #: 3004509607 U/L or Qtr/Qtr N Sec 9 T 30N R 9W
County: San Juan Latitude _____ Longitude _____ NAD: 1927 ☐ 1983 ☐
Surface Owner: Federal ☐ State ☐ Private ☐ Indian ☐

Pit

Type: Drilling ☐ Production ☐ Disposal ☒

Workover ☐ Emergency ☐

Lined ☐ Unlined ☐

Liner type: Synthetic ☐ Thickness _____ mil Clay ☐

Pit Volume _____ bbl

Below-grade tank

Volume: _____ bbl Type of fluid: _____

Construction material: _____

Double-walled, with leak detection? Yes ☐ If not, explain why not. _____

Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)

Less than 50 feet

(20 points)

50 feet or more, but less than 100 feet

(10 points)

100 feet or more

(0 points)

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)

Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)

Less than 200 feet

(20 points)

200 feet or more, but less than 1000 feet

(10 points)

1000 feet or more

(0 points)

Ranking Score (Total Points)

If this is a pit closure: (1) Attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: (check the onsite box if you are burying in place) onsite ☐ offsite ☐ If offsite, name of facility _____. (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No ☐ Yes ☐ If yes, show depth below ground surface _____ ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments:

NOV 2005

See Attached Documentation

OIL CONS. DIV.

DIST. 3

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Date: 11/01/2005

Printed Name/Title Jeffrey C. Blagg, Agent

Signature Jeffrey C. Blagg

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval:

DEPUTY OIL & GAS INSPECTOR, DIST. 3

Printed Name/Title

Signature Denny

Date

NOV 18 2005

District I

P.O. Box 1980, Hobbs, NM

District II

P.O. Drawer DD, Artesia, NM 88211

District III

30 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

PIT REMEDIATION AND CLOSURE REPORT

Operator: Amoco Production Company Telephone: (505) - 326-9200

Address: 200 Amoco Court, Farmington, New Mexico 87401

Facility Or: ELIOTT GC D #1

Well Name

Location: Unit or Qtr/Qtr Sec N Sec 9 T 30N R 9W County SAN JUAN

Pit Type: Separator ABANDONED Dehydrator ☒ Other

Land Type: BLM ☒, State , Fee , Other

Pit Location: Pit dimensions: length 16', width 19', depth 4'
(Attach diagram)

Reference: wellhead X, other

Footage from reference: 147'

Direction from reference: 41 Degrees East North ☒
 West ^{of} South

Depth To Ground Water:

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

Less than 50 feet (20 points)
50 feet to 99 feet (10 points)
Greater than 100 feet (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 (20 points)
No (0 points) 0

Distance To Surface Water:

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

Less than 200 feet (20 points)
200 feet to 1000 feet (10 points)
Greater than 1000 feet (0 points) 0

RANKING SCORE (TOTAL POINTS): 0

Date Remediation Started: _____ Date Completed: 11/3/00

Remediation Method: Excavation ☒ Approx. cubic yards 45
(Check all appropriate sections) Landfarmed _____ Insitu Bioremediation _____
Other COMPOSTED

Remediation Location: Onsite _____ Offsite NYE GC B #1E (F-7-29-9)
(ie. landfarmed onsite, name and location of offsite facility)

General Description Of Remedial Action: _____

Excavation. BEDROCK BOTTOM.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 4' (PIT BOTTOM)Sample date 11/2/00 Sample time 1207

Sample Results

Benzene(ppm) 0.888Total BTEX(ppm) 6.260Field headspace(ppm) 182TPH 1,820Ground 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 11/3/00SIGNATURE B. ShawPRINTED NAME
AND TITLEBuddy D. Shaw
Environmental Coordinator

CLIENT: <u>AMOCO</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>80805</u> C.D.C. NO: <u>8360</u>
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FIELD REPORT: CLOSURE VERIFICATION	PAGE No: <u>1</u> of <u>1</u>
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LOCATION: NAME: <u>ELLIOTT GC DWELL # 1</u> PIT: <u>DEHY</u>	DATE STARTED: <u>10-30-00</u> DATE FINISHED: <u>11-2-00</u>
QUAD/UNIT: <u>N</u> SEC: <u>9</u> TWP: <u>30N</u> RNG: <u>9W</u> PM: <u>NM</u> CNTY: <u>SS</u> ST: <u>NM</u>	ENVIRONMENTAL SPECIALIST: <u>JLB</u>
QTR/FOOTAGE: <u>990' FSL 1650' SWL SE 15W</u> CONTRACTOR: <u>FLINT</u>	

EXCAVATION APPROX. <u>16</u> FT. x <u>19</u> FT. x <u>4</u> FT. DEEP. CUBIC YARDAGE: <u>45</u>
DISPOSAL FACILITY: <u>NVE GC BIE</u> REMEDIATION METHOD: <u>COMPOST</u>
LAND USE: <u>BLM</u> LEASE: <u>FED SF-078139</u> FORMATION: <u>MV</u>

FIELD NOTES & REMARKS:	PIT LOCATED APPROXIMATELY <u>147</u> FT. <u>N41°W</u> FROM WELL HEAD
DEPTH TO GROUNDWATER: <u>>100</u>	NEAREST WATER SOURCE: <u>>1000</u> NEAREST SURFACE WATER: <u>>1000</u>

NMOC RANKING SCORE: <u>0</u>	NMOC TPH CLOSURE STD: <u>5000</u> PPM	CHECK ONE: <input checked="" type="checkbox"/> PIT ABANDONED <input type="checkbox"/> STEEL TANK INSTALLED <input type="checkbox"/> FIBERGLASS TANK INSTALLED
SOIL AND EXCAVATION DESCRIPTION:		OVM CALIB. READ. <u>131.1</u> ppm TIME: <u>12:31</u> am/pm

0'-2'± Silty/CLAYEY SAND, Dark YEL. ORANGE, MOIST, COHESIVE, NO HC ODOR OR STAIN.

2'-4' SANDSTONE BEDROCK, YEL/GREEN, HC ODOR & STAIN ON ALL SIDEWALLS & BOTTOM. COMPETENT BEDROCK, SAMPLE BY CHISLING WITH ROCK HAMMER.

BEDROCK BOTTOM

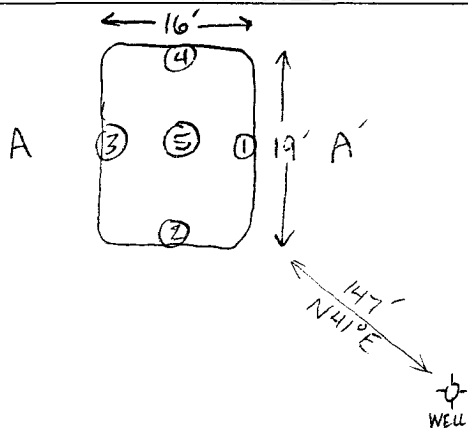
CLOSED

FIELD 418.1 CALCULATIONS

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

SCALE
0 FT

PIT PERIMETER



OVM RESULTS

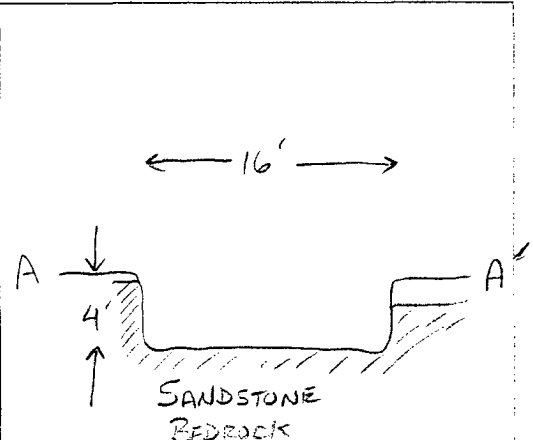
SAMPLE ID	FIELD HEADSPACE PID (ppm)
1E@ 2'	10.3
2SE 2 1/2'	171
3WE 2'	127
4NE 2'	151
5CE 4'	182

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
C@ 4'	8015/8021	1207

PASSED

PIT PROFILE



TRAVEL NOTES:	CALLOUT: <u>9:00 AM 11/1/1</u> ONSITE: <u>11:45 AM 11/2/00</u>
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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

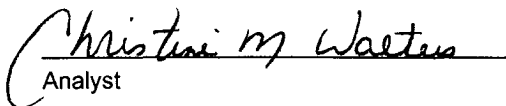
Client:	Blagg / BP AMOCO	Project #:	403410
Sample ID:	DEHY C @ 4'	Date Reported:	11-03-00
Laboratory Number:	18489	Date Sampled:	11-02-00
Chain of Custody No:	8360	Date Received:	11-03-00
Sample Matrix:	Soil	Date Extracted:	11-03-00
Preservative:	Cool	Date Analyzed:	11-03-00
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	1,790	0.2
Diesel Range (C10 - C28)	25.0	0.1
Total Petroleum Hydrocarbons	1,820	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: Elliott GC "D" #1.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg / BP AMOCO	Project #:	403410
Sample ID:	Dehy C @ 4'	Date Reported:	11-06-00
Laboratory Number:	18489	Date Sampled:	11-02-00
Chain of Custody:	8360	Date Received:	11-03-00
Sample Matrix:	Soil	Date Analyzed:	11-03-00
Preservative:	Cool	Date Extracted:	11-03-00
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	888	1.8
Toluene	1,600	1.7
Ethylbenzene	686	1.5
p,m-Xylene	1,950	2.2
o-Xylene	1,140	1.0
Total BTEX	6,260	

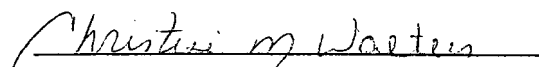
ND - Parameter not detected at the stated detection limit.


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: Elliott GC "D" #1.


Analyst


Review

CLIENT: <u>BP</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>80805</u> C.O.C. NO: <u>8899</u>
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FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION

LOCATION: NAME: <u>ELLIOTT GC D</u> WELL #: <u>1</u> PITS: <u>DEHY</u> QUAD/UNIT: <u>N</u> SEC: <u>9</u> TWP: <u>30N</u> RNG: <u>9W</u> PM: <u>NM</u> CNTY: <u>ST</u> ST: <u>NM</u> QTR/FOOTAGE: <u>SE/SW</u> CONTRACTOR: <u>FLINT</u>	DATE STARTED: <u>1/29/02</u> DATE FINISHED: _____ ENVIRONMENTAL SPECIALIST: <u>NV</u>
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SOIL REMEDIATION: REMEDIATION SYSTEM: <u>STOCKPILE</u> LAND USE: <u>RANGE - BLM</u>	APPROX. CUBIC YARDAGE: <u>45</u> LIFT DEPTH (ft): <u>N/A</u>
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FIELD NOTES & REMARKS:	NMOCD RANKING SCORE: <u>0</u>	NMOCD TPH CLOSURE STD: <u>5000</u> PPM
DEPTH TO GROUNDWATER: <u>>100'</u>	NEAREST WATER SOURCE: <u>>1000'</u>	NEAREST SURFACE WATER: <u>>1000'</u>

SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER SOME BEDROCK FRAGMENTS

SOIL COLOR: MOSTLY DK. YELL. BROWN

COHESION (ALL OTHERS): NON COHESIVE / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE

CONSISTENCY (NON COHESIVE SOILS): LOOSE / 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 / SLIGHTLY MOIST / MOIST / WET / SATURATED / SUPER SATURATED

DISCOLORATION/STAINING OBSERVED: YES / NO EXPLANATION - _____

HC ODOR DETECTED: YES / NO EXPLANATION - SAMPLE PTS. ①, ④, & ⑤ OVM SAMPLE

SAMPLING DEPTHS (LANDFARMS): _____ (INCHES)

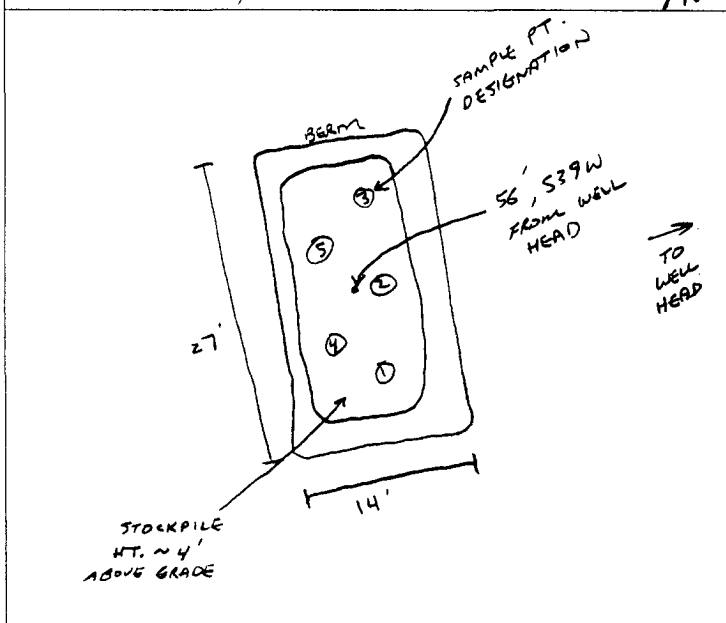
SAMPLE TYPE: GRAB / COMPOSITE - # OF PTS. 5

ADDITIONAL COMMENTS: _____

FIELD 418.1 CALCULATIONS

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

SKETCH/SAMPLE LOCATIONS ↑N



OVM CALIB. READ. 51.0 ppm
 OVM CALIB. GAS = 100 ppm; RF = 0.52
 TIME: 9:15 am/pm DATE: 1/28/02

OVM RESULTS LAB SAMPLES

SAMPLE ID	FIELD HEADSPACE PID (ppm)	SAMPLE ID	ANALYSIS	TIME	RESULTS
SP-1	79.9	SP-1	TPH (82156)	1115	45.9

SCALE

 0 FT

TRAVEL NOTES: CALLOUT: <u>N/A</u>	ONSITE: <u>1/29/02</u>
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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons


Client:	Blagg / BP	Project #:	94034-010
Sample ID:	SP - 1	Date Reported:	02-04-02
Laboratory Number:	21970	Date Sampled:	01-29-02
Chain of Custody No:	8899	Date Received:	01-29-02
Sample Matrix:	Soil	Date Extracted:	02-04-02
Preservative:	Cool	Date Analyzed:	02-04-02
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

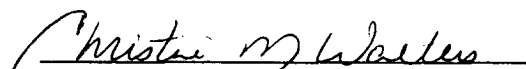
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	17.6	0.2
Diesel Range (C10 - C28)	28.3	0.1
Total Petroleum Hydrocarbons	45.9	0.2

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: Elliott GC D #1 Stockpile 5 Pt. Composite.


Analyst


Review