

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 ☐

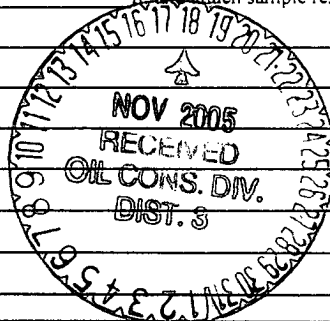
Type of action: Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank ☒

Operator: BP America Production Company Telephone: (505)326-9200 e-mail address: _____
Address: 200 Energy Ct. Farmington, NM 87401
Facility or well name: ATLANTIC 8 US #3 API #: 3004509850 U/L or Qtr/Qtr L Sec 4 T 30 N R 10 W
County: San Juan Latitude _____ Longitude _____ NAD: 1927 ☐ 1983 ☐
Surface Owner: Federal ☐ State ☐ Private ☐ Indian ☐

Pit	Below-grade tank
Type: Drilling <input type="checkbox"/> Production <input checked="" type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input type="checkbox"/> Unlined <input type="checkbox"/> Liner type: Synthetic <input type="checkbox"/> Thickness _____ mil Clay <input type="checkbox"/> Pit Volume _____ bbl	Volume: _____ bbl Type of fluid: _____ Construction material: _____ Double-walled, with leak detection? Yes <input type="checkbox"/> 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:
See Attached Documentation
Bedrock



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 Felt Date: NOV 18 2005

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

PIT REMEDIATION AND CLOSURE REPORT

Operator: Amoco Production Company Telephone: (505) - 326-9200
Address: 200 Amoco Court, Farmington, New Mexico 87401
Facility Or: ATLANTIC B LS #3
Well Name _____
Location: Unit or Qtr/Qtr Sec L Sec 4 T 30N R 10W County SAN JUAN
Pit Type: Separator ___ Dehydrator ___ Other ABANDONED BLOW
Land Type: BLM ✓, State ___, Fee ___, Other _____

Pit Location: Pit dimensions: length 52', width 27', depth 30'
(Attach diagram) Reference: wellhead X, other _____
Footage from reference: 81'
Direction from reference: 26 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) 0
lakes, ponds, rivers, streams, creeks, Greater than 1000 feet (0 points)
irrigation canals and ditches)

RANKING SCORE (TOTAL POINTS): 0

B0817

ABAN. BLOW

Date Remediation Started: _____ Date Completed: 12/7/00Remediation Method: Excavation ☒Approx. cubic yards 1000

(Check all appropriate sections)

Landfarmed ☐Insitu Bioremediation ☐Other COMPOSTED

Remediation Location:

Onsite ☐Offsite ☒

ATLANTIC B LS #11 (N-4-30-10)

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

P&A LOCATION

General Description Of Remedial Action: _____

Excavation. BEDROCK BOTTOM. RISK ASSESSED.

Ground Water Encountered:

No ☒Yes ☐

Depth _____

Final Pit:

Closure Sampling:

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

Sample location see Attached DocumentsSample depth 27' (WEST SIDEWALL)Sample date 11/30/00Sample time 0945

Sample Results

Benzene(ppm) _____

Total BTEX(ppm) _____

Field headspace(ppm) 14.6 / 232.7

PIT BOTTOM

TPH 292 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 12/7/00

SIGNATURE

B.D. ShawPRINTED NAME
AND TITLEBuddy D. Shaw
Environmental Coordinator

3004509850

CLIENT: AMOCOBLAGG ENGINEERING, INC.
P.O. BOX 87, BLOOMFIELD, NM 87413
(505) 632-1199LOCATION NO 80817

C.D.S. NO _____

FIELD REPORT: CLOSURE VERIFICATION

PAGE NO: 1 of 1LOCATION: NAME: ATLANTIC B LS WELL #: 3 PIT: ABAND. BLOW
QUAD/UNIT: 4 SEC: 4 TWP: 30N RNG: 10W PM: NM CNTY: ST ST: NM
QTR/FOOTAGE: 1650'S/790'W NWSW CONTRACTOR: P+SDATE STARTED: 11/30/00

DATE FINISHED: _____

ENVIRONMENTAL
SPECIALIST NVEXCAVATION APPROX. 52 FT. x 27 FT. x 30 FT. DEEP. CUBIC YARDAGE 1000DISPOSAL FACILITY: ATLANTIC B LS #1 (SEE 4-30-10) REMEDIATION METHOD: COMPOSTEDLAND USE: RANGE LEASE: SF-080917 FORMATION: MVFIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 81 FT. N26E FROM WELL-HEADDEPTH TO GROUNDWATER: >100' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: >1000'NMOCD RANKING SCORE: 0 NMOCD TPH CLOSURE STD: 5000 PPM

SOIL AND EXCAVATION

GEN. 6345'

OVM CALIB. READ. 53.3 ppmTIME: 11:00 am pm 53.3

CHECK ONE

☒ PIT ABANDONED☐ STEEL TANK INSTALLED☐ FIBERGLASS TANK INSTALLED

DESCRIPTION:

EAST, SOUTH, & WEST SIDEWALLS CONSIST OF OK. YELL. ORANGE SAND, NON
COHESIVE SLIGHTLY MOIST FIRM TO LOOSE, NO APPARENT DISCOLORATION
OBSERVED OR HC OOR DETECTED W/IN OVM SAMPLES, NORTH SIDEWALL
CONSISTED OF BEDROCK (SANDSTONE) OLIVE GRAY TO OK. GRAY IN COLOR, FRIABLE
TO VERO, HC OOR DETECTED IN OVM SAMPLE.

BOTTOM - BEDROCK (SANDSTONE) LT. OLIVE GRAY TO MED. GRAY ONCE EXPOSED, VERY
HARD, HC OOR DETECTED IN OVM SAMPLE.

BEDROCK
Bottom

Risk Assessed

FIELD 418.1 CALCULATIONS

TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC	SDM
0945	④ @ 27'	TAH-2083	5	20	1:1	73	292	

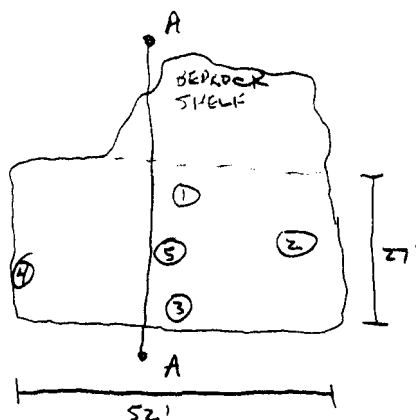
(SS)

SCALE



0 FT

PIT PERIMETER

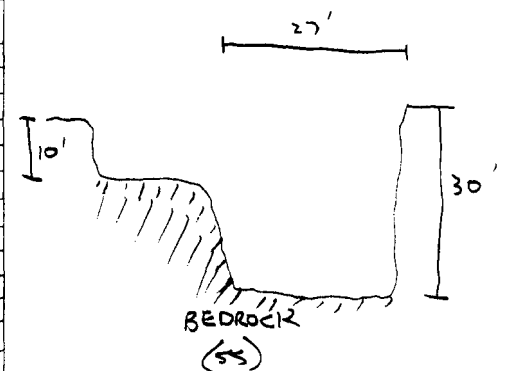
OVM
RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1 @ 23'	227.6
2 @ 22'	3.9
3 @ 24'	5.3
4 @ 27'	14.6
5 @ 30'	232.7

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME

PIT PROFILE



TRAVEL NOTES:

CALLOUT: _____

ONSITE: _____

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: BP AMOCO
Sample ID: 4 @ 27'
Project Location: Atlantic B LS # 3
Laboratory Number: TPH-2083

Project #:
Date Analyzed: 12-07-00
Date Reported: 12-07-00
Sample Matrix: Soil

Parameter	Result, mg/kg	Detection Limit, mg/kg
Total Recoverable Petroleum Hydrocarbons	290	20

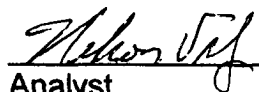
ND = Not Detectable at stated detection limits.

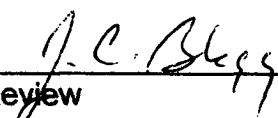
QA/QC:	QA/QC Sample TPH mg/kg	Duplicate TPH mg/kg	% *Diff.
	96	76	23.26

*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: Abandoned Blow Pit - B0817


Analyst


Review

BLAGG ENGINEERING, INC.

P.O. Box 87, Bloomfield, New Mexico 87413

Phone: (505)632-1199 Fax: (505)632-3903

Field TPH-Worksheet

Max Characters:

Client:

BP AMOCO

Project #:

Sample ID:

4 @ 27'

Date Analyzed:

12-07-00

Project Location:

Atlantic B LS # 3

Date Reported:

12-07-00

Laboratory Number:

TPH-2083

Sample Matrix:

Soil

Sample Weight:

5.00 grams

Volume Freon:

20.00 mL

Dilution Factor:

1 (unitless)

TPH Reading:

73 mg/kg

TPH Result:

292.0 mg/kg

Reported TPH Result:

290 mg/kg

Actual Detection Limit:

20.0 mg/kg

Reported Detection Limit:

20 mg/kg

QA/QC:

Original
TPH mg/kg

Duplicate
TPH mg/kg

%
Diff.

96

76

23.26

Comments:

*****Max Characters*****

Comments:

Abandoned Blow Pit - B0817

CLIENT <u>BP</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO <u>80817</u> C.O.C. NO <u>9706</u>
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FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION

LOCATION: NAME: <u>ATLANTIC B LS</u> WELL #: <u>11</u> PITS: <u>BLW</u> QUAD/UNIT: <u>N</u> SEC: <u>4</u> TWP: <u>30N</u> RNG: <u>10W</u> PM: <u>NM</u> CNTY: <u>ST</u> ST: <u>NM</u> QTR/FOOTAGE: <u>SELSW</u> CONTRACTOR: <u>P+S</u>	DATE STARTED <u>12/26/01</u> DATE FINISHED _____ ENVIRONMENTAL SPECIALIST: <u>NV</u>
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SOIL REMEDIATION:

 REMEDIATION SYSTEM: COMPOSTED

 APPROX. CUBIC YARDAGE: 1000

 LAND USE: RANGE - BLM

 LIFT DEPTH (ft): N/A

FIELD NOTES & REMARKS:

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

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

 SOIL TYPE: (SAND) SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER COW MANURE

 SOIL COLOR: PALE TO DR. 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 - _____

 SAMPLING DEPTHS (LANDFARMS): N/A (INCHES)

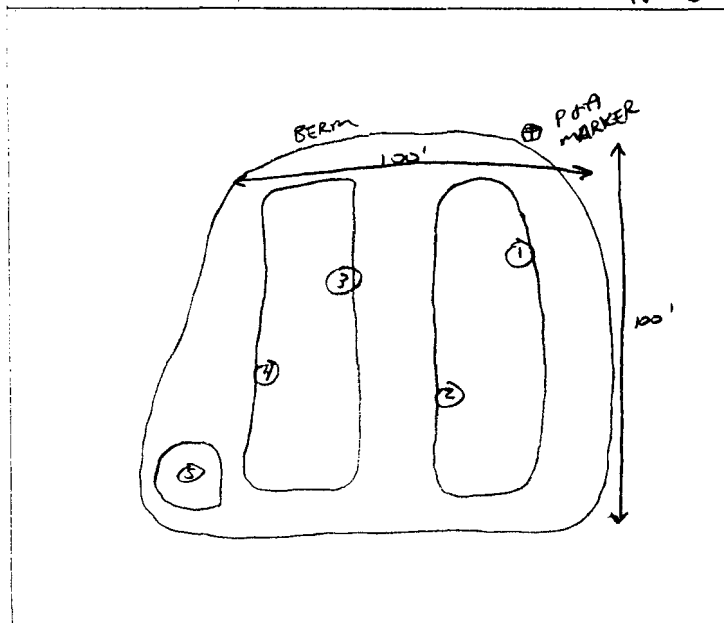
 SAMPLE TYPE: GRAB / (COMPOSITE) - # OF PTS. 5

 ADDITIONAL COMMENTS: SOIL DISPOSED FROM ATLANTIC B LS #3 (L-4-30-10)
WELL SITE PTA'd

FIELD 418.1 CALCULATIONS

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

SKETCH/SAMPLE LOCATIONS



OVM CALIB. READ. 51.2 ppm
 OVM CALIB. GAS = 100 ppm; RF = 0.52
 TIME: 12:30 am DP DATE: 12/20/01

OVM RESULTS

LAB SAMPLES

SAMPLE ID	FIELD HEADSPACE PID (ppm)	SAMPLE ID	ANALYSIS	TIME	RESULTS
CP-1	0.0	CP-1	TPH (80158)	1315	ND

P.C. 11/30/00

SCALE


 TRAVEL NOTES: CALLOUT: N/A

 ONSITE: 12/26/01

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

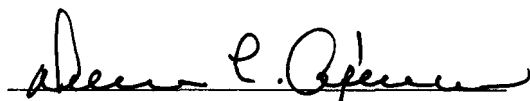
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	CP - 1	Date Reported:	12-27-01
Laboratory Number:	21744	Date Sampled:	12-26-01
Chain of Custody No:	9706	Date Received:	12-26-01
Sample Matrix:	Soil	Date Extracted:	12-27-01
Preservative:	Cool	Date Analyzed:	12-27-01
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

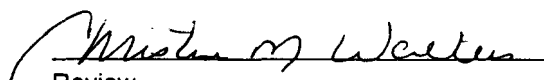
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

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: **Atlantic B LS #11 Compost Pile 5 Pt. Composite.**


Analyst


Review