

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: GCU # 152E API #: 3004584553 U/L or Qtr/Qtr 0 Sec 21 T 29 N R 12 W
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)

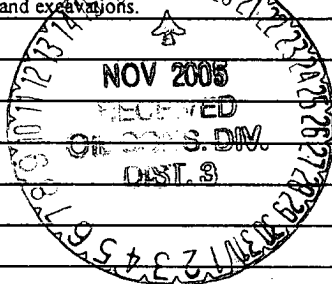
Ranking Score (Total Points)

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:

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 Fent

Date: NOV 18 2005

80317

District I
P.O. Box 1980, Hobbs, NM
District II
P.O. Drawer DD, Artesia, NM 88211
District III
000 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: GCM # 152E
Well Name

Location: Unit or Qtr/Qtr Sec 0 Sec 21 T 29N R 12W County SAN JUAN

Pit Type: Separator ABANDONED Dehydrator ✓ Other

Land Type: BLM ✓, State, Fee, Other

Pit Location: Pit dimensions: length 15', width 20', depth 10'
(attach diagram)

Reference: wellhead X, other

Footage from reference: 99'

Direction from reference: 80 Degrees East North
of
✓ West 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)	<u>10</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 200 feet	(20 points)	
200 feet to 1000 feet	(10 points)	<u>0</u>
Greater than 1000 feet	(0 points)	

RANKING SCORE (TOTAL POINTS): 10

Date Remediation Started: _____ Date Completed: 4/24/00

Remediation Method: Excavation ☒ Approx. cubic yards 60
 (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. EXCAVATION MOSTLY BEDROCK, THEREFORE NO TPH ANALYSIS
 WAS CONDUCTED. RISK ASSESSED.

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 7' (TRENCH BOTTOM)Sample date 4/20/00 Sample time 1200

Sample Results

Benzene(ppm) _____

Total BTEX(ppm) _____

Field headspace(ppm) 773TPH NAGround 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

SIGNATURE

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>80312</u> C.D.C. NO: _____
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FIELD REPORT: CLOSURE VERIFICATION	PAGE No: <u>1</u> of <u>2</u>
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LOCATION: NAME: <u>Gen</u>	WELL #: <u>152E</u>	PIT: <u>ABAND. DEHY.</u>	DATE STARTED: <u>4/20/00</u>
QUAD/UNIT: <u>0 SEC: 21 TWP: 29N RNG: 12W PM: NM CNTY: ST ST: NM</u>			DATE FINISHED: _____
QTR/FOOTAGE: <u>790'S / 1840'E</u>		CONTRACTOR: <u>FLINT</u>	ENVIRONMENTAL SPECIALIST: <u>NV</u>

EXCAVATION APPROX. <u>15</u> FT. x <u>20</u> FT. x <u>10</u> FT. DEEP.	CUBIC YARDAGE: <u>60</u>
DISPOSAL FACILITY: <u>ON-SITE</u>	REMEDIAATION METHOD: <u>LANDFILL</u>
LAND USE: <u>RANGE</u>	LEASE: <u>NM-078109</u> FORMATION: <u>OK</u>

FIELD NOTES & REMARKS:	PIT LOCATED APPROXIMATELY <u>99</u> FT. <u>580W</u> FROM WELLHEAD.
DEPTH TO GROUNDWATER: <u><100'</u>	NEAREST WATER SOURCE: <u>>1000'</u> NEAREST SURFACE WATER: <u>>1000'</u>
NMOC D RANKING SCORE: <u>10</u>	NMOC D TPH CLOSURE STD: <u>1000</u> PPM
SOIL AND EXCAVATION DESCRIPTION:	<div style="float:right">CHECK ONE: <input checked="" type="checkbox"/> PIT ABANDONED <input type="checkbox"/> STEEL TANK INSTALLED <input type="checkbox"/> FIBERGLASS TANK INSTALLED </div> <div style="border:1px solid black; padding:2px; float:right;"> OVM CALIB. READ. <u>53.5</u> ppm TIME: <u>12:03</u> am/pm </div>

mostly BEDROCK, SHALE FROM 5'-7' BELOW GRADE, SANDSTONE BENEATH SHALE, SOUTH SIDEWALL CONTAINED MED. GRAY TO BLACK DISCOLORATION, SITE REVISITED ON 4/24/00 AFTER SAMPLING ON 4/20/00, SANDSTONE GRAYISH ORANGE IN COLOR & NO APPARENT DISCOLORATION OR STAINING OBSERVED.

4/20/00 BOTTOM SAMPLE - BEDROCK (SHALE), HARD, OLIVE GRAY IN COLOR, STRONG HC ODOR IN OUM SAMPLE, REMOVED ON 4/21/00.

mostly BEDROCK RISK ASSESSED PIT AREA WAS EXCAVATED ON 4/21/00 WITH NO FURTHER SAMPLING CONDUCTED.

FIELD 418.1 CALCULATIONS

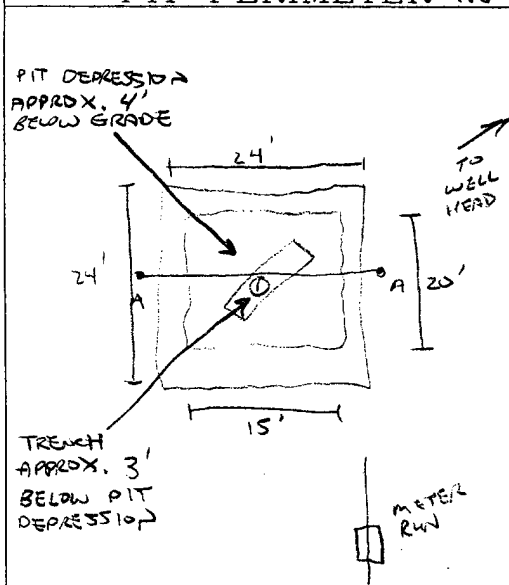
TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm
1200							

SCALE

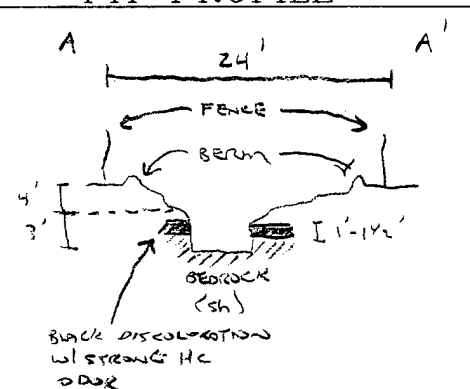


0 FT

PIT PERIMETER IN



PIT PROFILE



OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1 @ 7'	773
2 @	
3 @	
4 @	
5 @	

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME

TRAVEL NOTES:	CALLOUT: _____	ONSITE: _____
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CLIENT: BP

BLAGG ENGINEERING, INC.
P.O. BOX 87, BLOOMFIELD, NM 87413
(505) 632-1199

LOCATION NO: 80312C.D.C. NO: 9806

FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION

LOCATION: NAME: Gcu WELL #: 152E PITS: DEHYDATE STARTED: 3/26/02QUAD/UNIT: 0 SEC: 21 TWP: 29N RNG: 12W PM: NM CNTY: SJ ST: NM

DATE FINISHED: _____

QTR/FOOTAGE: _____ SWISE CONTRACTOR: FLINTENVIRONMENTAL SPECIALIST: NV

SOIL REMEDIATION:

60

REMEDICATION SYSTEM: LANDFARMAPPROX. CUBIC YARDAGE: 250LAND USE: RANGE - BLMLIFT DEPTH (ft): 1-1.5

FIELD NOTES & REMARKS:

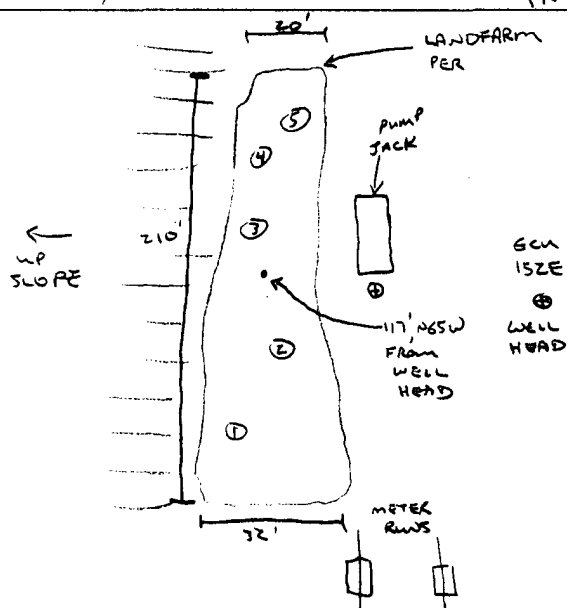
NMCD RANKING SCORE: 10 NMCD TPH CLOSURE STD: 1000 PPMDEPTH TO GROUNDWATER: <100' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: >1000'SOIL TYPE: SAND / SILTY SAND / (SILT) / (SILTY CLAY) / CLAY / GRAVEL / OTHER SHALE FRAGMENTSSOIL COLOR: DK. YEEL. Browns TO DUSKY BROWNCOHESION (ALL OTHERS): NON COHESIVE / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVECONSISTENCY (NON COHESIVE SOILS): LOOSE / (FIRM) / (DENSE) / VERY DENSEPLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTICDENSITY (COHESIVE CLAYS & SILTS): SOFT / (FIRM) / (STIFF) / VERY STIFF / HARDMOISTURE: DRY / (SLIGHTLY MOIST) / MOIST / WET / SATURATED / SUPER SATURATEDDISCOLORATION/STAINING OBSERVED: YES / NO EXPLANATION - _____HC ODOR DETECTED: YES / NO EXPLANATION - _____SAMPLING DEPTHS (LANDFARMS): 4-12 (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

DVM CALIB. READ. 53.0 ppm

DVM CALIB. GAS = 100 ppm; RF = 0.52

TIME: 9:40 6 pm DATE: 3/26/02

OVM RESULTS

LAB SAMPLES

SAMPLE ID	FIELD HEADSPACE PID (ppm)	SAMPLE ID	ANALYSIS	TIME	RESULTS
LF-1	0.0	LF-1	TPH (80158)	1230	ND

P.C. - 4/20/00

SCALE

0 FT

TRAVEL NOTES: CALLOUT: N/AONSITE: 3/26/02

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

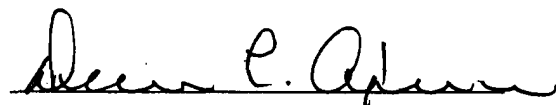
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	LF - 1	Date Reported:	03-28-02
Laboratory Number:	22394	Date Sampled:	03-26-02
Chain of Custody No:	9806	Date Received:	03-26-02
Sample Matrix:	Soil	Date Extracted:	03-28-02
Preservative:	Cool	Date Analyzed:	03-28-02
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

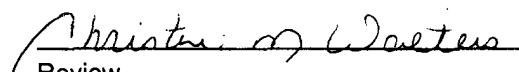
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

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: **GCU #152E Landfarm 5 Pt. Composite.**


Analyst


Review