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

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

Form C-144
March 12, 2004

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

RCVD APR10'07
OIL CONS. DIV.
DIST. 3

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 PROD. CO. Telephone: (505) 326-9200

Address: 200 Energy Court, Farmington, NM 87410

Facility or well name: WILCH A #4E API #: 30-045-25248 U/L or Qtr/Qtr L Sec 25 T 29N R 8W

County: San Juan Latitude 36.69382 Longitude 107.63433 NAD: 1927 ☐ 1983 ☒ Surface Owner Federal ☒ State ☐ Private ☐ Indian ☐

Pit	**Below-grade tank**	
Type: Drilling ☐ Production ☒ Disposal ☐ SEPARATOR Workover ☐ Emergency ☐ Lined ☐ Unlined ☒ Liner type: Synthetic ☐ Thickness ____mil Clay ☐ Volume ____bbl	Volume: ____bbl Type of fluid: Construction material: N/A 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 50 feet or more, but less than 100 feet 100 feet or more	(20 points) (10 points) (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 No	(20 points) (0 points) 0
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet 200 feet or more, but less than 1000 feet 1000 feet or more	(20 points) (10 points) (0 points) 0
	Ranking Score (Total Points)	0

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 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

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: 06/12/04

Printed Name/Title **Jeff Blagg – P.E. # 11607** Signature _____

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:

Date: AUG 09 2007

Printed Name/Title Deputy Oil & Gas Inspector, District #3 Signature _____

CLIENT: BP

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

LOCATION NO: B1341
COCR NO: 11664

FIELD REPORT: PIT CLOSURE VERIFICATION

PAGE No: 1 of 1

LOCATION: NAME: WILCH A WELL #: 4E TYPE: SEP.
QUAD/UNIT: L SEC: 25 TWP: 29N RNG: 8W PM: NM CNTY: SJ ST: NM
QTR/FOOTAGE: 1550'S/815'W NW/SW CONTRACTOR: L&L (BRIAN)

DATE STARTED: 2/23/04
DATE FINISHED:
ENVIRONMENTAL SPECIALIST: NV

EXCAVATION APPROX. 14 FT. x 15 FT. x 6 FT. DEEP. CUBIC YARDAGE: 50

DISPOSAL FACILITY: ON-SITE REMEDIATION METHOD: LANDFARM

LAND USE: RANGE - BLM LEASE: SF 078416A FORMATION: DK

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 100 FT. N54E FROM WELLHEAD.

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

NMOCD RANKING SCORE: 0 NMOCD TPH CLOSURE STD: 5000 PPM

SOIL AND EXCAVATION DESCRIPTION:

OVM CALIB READ = 51.9 ppm
OVM CALIB GAS = 100 ppm RF = 0.52
TIME: 10:10 (am)/pm DATE 2/20/04

SOIL TYPE: SAND / (SILTY SAND) / SILT / (SILTY CLAY) / CLAY / GRAVEL / OTHER BEDROCK (SHALE)
SOIL COLOR: MOD. BROWN TO BLACK BEDROCK - LT. GRAY/BLACK

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 - ENTIRE EXCAVATION
HC ODOR DETECTED: (YES) / NO EXPLANATION - EXCAVATION & OVM SAMPLE
SAMPLE TYPE (GRAB) COMPOSITE - # OF PTS —
ADDITIONAL COMMENTS: COLLECTED SAMPLE C/NEAR BEDROCK SURFACE. BEDROCK - SOFT TO HARD FRIABLE. SOIL MOISTURE SUPER SATURATED FROM RECENT PRECIPITATION.

(CLOSED)

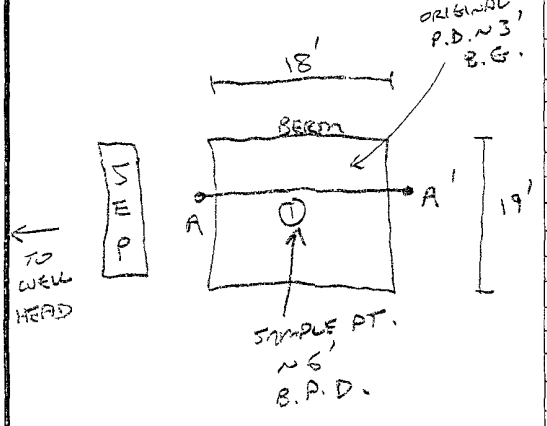
BEDROCK BOTTOM

SCALE: 0 FT

FIELD 418.1 CALCULATIONS

SAMP. TIME	SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. (ppm)

PIT PERIMETER



OVM READING

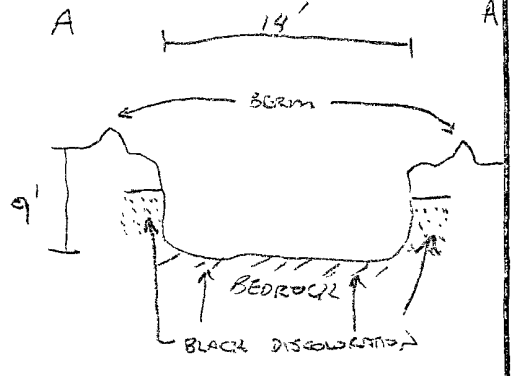
SAMPLE ID	FIELD HEADSPACE (ppm)
1 @ 9'	341
2 @	
3 @	
4 @	
5 @	

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
(D@9'	TPH (3015B)	1335
"	BTEX (8021B)	"
	(BOTH PASSED)	

P.D = PIT DEPRESSION, B.G. = BELOW GRADE; B = BELOW
T H = TEST HOLE; ~ = APPROX.; T B. = TANK BOTTOM

PIT PROFILE



TRAVEL NOTES: CALLOUT: 2/20/04 - MORN. ONSITE: 2/23/04 - AFTER. (SCHEDULED)

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:	1 @ 9'	Date Reported:	02-24-04
Laboratory Number:	27920	Date Sampled:	02-23-04
Chain of Custody No:	11664	Date Received:	02-24-04
Sample Matrix:	Soil	Date Extracted:	02-24-04
Preservative:	Cool	Date Analyzed:	02-24-04
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**784**	**0.2**
Diesel Range (C10 - C28)	**74.1**	**0.1**
Total Petroleum Hydrocarbons	**858**	**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: **Wilch A #4E Separator Pit Grab Sample.**

Analyst

Review

5796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 9'	Date Reported:	02-24-04
Laboratory Number:	27920	Date Sampled:	02-23-04
Chain of Custody:	11664	Date Received:	02-24-04
Sample Matrix:	Soil	Date Analyzed:	02-24-04
Preservative:	Cool	Date Extracted:	02-24-04
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**15.0**	**1.8**
Toluene	**165**	**1.7**
Ethylbenzene	**115**	**1.5**
p,m-Xylene	**1,270**	**2.2**
o-Xylene	**445**	**1.0**
Total BTEX	**2,010**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**99 %**
	1,4-difluorobenzene	**99 %**
	Bromochlorobenzene	**99 %**

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: **Wilch A #4E Separator Pit Grab Sample.**

Analyst

Review

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CLIENT: BP

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

LOCATION NO: B1341
C.O.C. NO: 14481

FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION

LOCATION: NAME: WILCH A WELL #: 4E PITS: SEP.
QUAD/UNIT: L SEC: 25 TWP: 29N RNG: 8W PM: NM CNTY: SJ ST: NM
QTR/FOOTAGE: NW/SW CONTRACTOR:

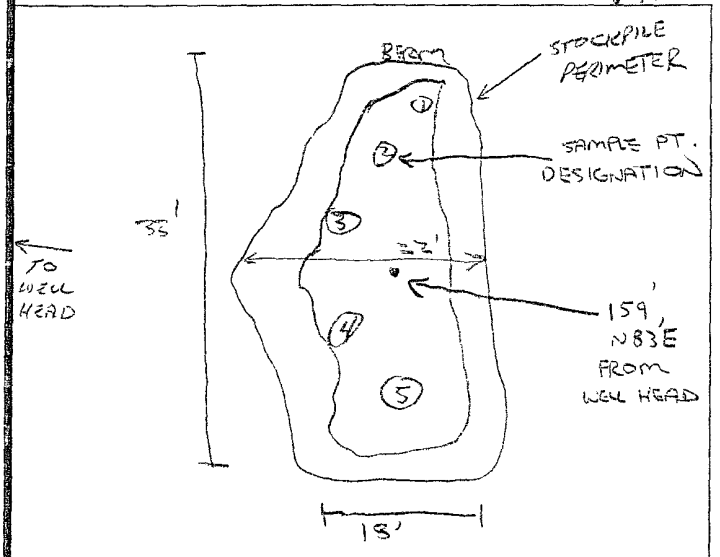
DATE STARTED: 9/21/05
DATE FINISHED:
ENVIRONMENTAL SPECIALIST: NV

SOIL REMEDIATION:
REMEDIATION SYSTEM: STOCKPILE APPROX. CUBIC YARDAGE: 50
LAND USE: RANGE - BLM LIFT DEPTH (ft): N/A

FIELD NOTES & REMARKS: DEPTH TO GROUNDWATER: >100' NEAREST SURFACE WATER: >1,000'
NEAREST WATER SOURCE: >1,000' NMOCD RANKING SCORE: 0 NMOCD TPH CLOSURE STD: 5,000 PPM

SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER
SOIL COLOR: DK. YELL. BROWN (MOSTLY)
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 - MED. GRAY TO BLACK OBSERVED IN SAMPLE PT. (3) ONLY
HC ODOR DETECTED: YES / NO EXPLANATION - SLIGHTLY IN SAMPLE PT. (5) ONLY
SAMPLING DEPTHS (LANDFARMS): N/A (INCHES)
SAMPLE TYPE: GRAB / COMPOSITE - # OF PTS. 5
ADDITIONAL COMMENTS: CLOSED

SKETCH/SAMPLE LOCATIONS



OVM CALIB. READ. = 53.2 ppm
OVM CALIB. GAS = 100 ppm RF = 0.52
TIME: 12:50 am/pm DATE: 9/21/05

OVM RESULTS

SAMPLE ID	FIELD HEADSPACE (ppm)
SP-1	0.0

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME	RESULTS
SP-1	TPH (8015B)	1245	ND

P.C. - 2/23/04

SCALE
0 FT

TRAVEL NOTES: CALLOUT: N/A ONSITE: 9/21/05

revised: 07/16/01 bel1006A.skd

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:	09-23-05
Laboratory Number:	34418	Date Sampled:	09-21-05
Chain of Custody No:	14481	Date Received:	09-22-05
Sample Matrix:	Soil	Date Extracted:	09-22-05
Preservative:	Cool	Date Analyzed:	09-23-05
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: **Wilch A #4E Stockpile 5 Pt. Composite Sample.**

Analyst

Review

5796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

B 341

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

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: BP AMERICA PRODUCTION CO. Telephone: (505) 326-9200

Address: 200 ENERGY COURT, FARMINGTON, NM 87401

Facility or Well Name: Wilch A #4E

Location: Unit or Qtr/Qtr Sec L Sec 25 T 29N R 8 W County San Juan

Pit Type: Separator ___ Dehydrator ___ Other Blow

Land Type: BLM X, State ___, Fee ___, Other ___

Pit Location: (Attach diagram)

Pit dimensions: length NA, width NA, depth NA

Reference: wellhead X, other ___

Footage from reference: 150'

Direction from reference: 76 Degrees ___ East ___ North ✓ of ___ West ___ South

Depth To Groundwater: (Vertical distance from contaminants to seasonal high water elevation of groundwater)	Less than 50 feet 50 feet to 99 feet Greater than 100 feet	(20 points) (10 points) (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 No	(20 points) (0 points)	0
Distance To Surface Water: (Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)	Less than 100 feet 100 feet to 1000 feet Greater than 1000 feet	(20 points) (10 points) (0 points)	0
		RANKING SCORE (TOTAL POINTS):	0

revised: 09/11/02

bel1202.wpd

B 1341

Blow

Date Remediation Started: _____ Date Completed: 2-24-04

emediation Method: (Check all appropriate sections) Excavation X Approx. cubic yards NA

Landfarmed ____ Insitu Bioremediation _____

Other CLOSE AS IS.

Remediation Location: (i.e. landfarmed onsite, name and location of offsite facility) Onsite X Offsite _____

General Description of Remedial Action: Excavation. Test hole advanced. No remediation necessary. Bedrock Bottom

Groundwater Encountered: No X Yes ____ Depth _____

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

Sample location see Attached Documents

Sample depth 6.5' (Test hole bottom)

Sample date 2-23-04 Sample time 1323

Sample Results

Soil:	Benzene	(ppm)	0.123	Water: Benzene	(ppb)	____
	Total BTEX	(ppm)	3.200	Toluene	(ppb)	____
	Field Headspace	(ppm)	795	Ethylbenzene	(ppb)	____
	TPH	(ppm)	590	Total Xylenes	(ppb)	____

Groundwater Sample: Yes ____ No X (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 2-24-04 PRINTED NAME Jeffrey C. Blagg

SIGNATURE Jeffrey C. Blagg AND TITLE President P.E. # 11607

revised 01/27/02

bcil202.wpd

B 1341

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

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: BP AMERICA PRODUCTION CO. Telephone: (505) 326-9200

Address: 200 ENERGY COURT, FARMINGTON, NM 87401

Facility or Well Name: Wilch A #4E

Location: Unit or Qtr/Qtr Sec L Sec 25 T 29 N R 8 W County San Juan

Pit Type: Separator ___ Dehydrator ✓ Other ___

Land Type: BLM X, State ___, Fee ___, Other ___

Pit Location: (Attach diagram)

Pit dimensions: length NA, width NA, depth NA

Reference: wellhead X, other ___

Footage from reference: 81'

Direction from reference: 60 Degrees ___ East North ___ of ✓ West South ✓

Depth To Groundwater: (Vertical distance from contaminants to seasonal high water elevation of groundwater)	Less than 50 feet 50 feet to 99 feet Greater than 100 feet	(20 points) (10 points) (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 No	(20 points) (0 points)	0
Distance To Surface Water: (Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)	Less than 100 feet 100 feet to 1000 feet Greater than 1000 feet	(20 points) (10 points) (0 points)	0

RANKING SCORE (TOTAL POINTS): 0

Dehy & 1341

Date Remediation Started: _____ Date Completed: 2-24-04

Remediation Method: (Check all appropriate sections) Excavation X Approx. cubic yards NA

Landfarmed ____ Insitu Bioremediation _____

Other CLOSE AS IS.

Remediation Location: (i.e. landfarmed onsite, name and location of offsite facility) Onsite X Offsite _____

General Description of Remedial Action: Excavation. Test hole advanced. No remediation necessary. Bedrock Bottom

Groundwater Encountered: No X Yes ____ Depth _____

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

Sample location see Attached Documents

Sample depth 9' (Test hole bottom)

Sample date 2-23-04 Sample time 1340

Sample Results

Soil:	Benzene	(ppm)	0.104	Water: Benzene	(ppb)	____
	Total BTEX	(ppm)	2.940	Toluene	(ppb)	____
	Field Headspace	(ppm)	743	Ethylbenzene	(ppb)	____
	TPH	(ppm)	238	Total Xylenes	(ppb)	____

Groundwater Sample: Yes ____ No X (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 2-24-04 PRINTED NAME Jeffrey C. Blagg

SIGNATURE Jeffrey C Blagg AND TITLE President P.E. # 11607

revised 03/27/02 bcil202.wpd

B1341

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

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: BP AMERICA PRODUCTION CO. Telephone: (505) 326-9200

Address: 200 ENERGY COURT, FARMINGTON, NM 87401

Facility or Well Name: Wilch A #4E

Location: Unit or Qtr/Qtr Sec L Sec 25 T 29N R 8W County San Juan

Pit Type: Separator ___ Dehydrator ___ Other Production Tank

Land Type: BLM X, State ___, Fee ___, Other ___

Pit Location: (Attach diagram)

Pit dimensions: length NA, width NA, depth NA

Reference: wellhead X, other ___

Footage from reference: 120'

Direction from reference: 87 Degrees ✓ East ___ North ___ of ___ West ___ South ✓

Depth To Groundwater: (Vertical distance from contaminants to seasonal high water elevation of groundwater)	Less than 50 feet 50 feet to 99 feet Greater than 100 feet	(20 points) (10 points) (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 No	(20 points) (0 points)	0
Distance To Surface Water: (Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)	Less than 100 feet 100 feet to 1000 feet Greater than 1000 feet	(20 points) (10 points) (0 points)	0
		RANKING SCORE (TOTAL POINTS):	0

B-34
Prod. Tank

Date Remediation Started: _____ Date Completed: 2-24-04

Remediation Method: (Check all appropriate sections) Excavation X Approx. cubic yards NA

Landfarmed ____ Insitu Bioremediation _____

Other CLOSE AS IS.

Remediation Location: (i.e. landfarmed onsite, name and location of offsite facility) Onsite X Offsite _____

General Description of Remedial Action: Excavation. Test hole advanced. No remediation necessary. Bedrock Bottom

Groundwater Encountered: No X Yes ____ Depth _____

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

Sample location see Attached Documents

Sample depth 3.5' (Test hole bottom)

Sample date 2-23-04 Sample time 1337

Sample Results

Soil:	Benzene	(ppm) 0.0027	Water: Benzene	(ppb)	____
	Total BTEX	(ppm) 0.830	Toluene	(ppb)	____
	Field Headspace	(ppm) 140.4	Ethylbenzene	(ppb)	____
	TPH	(ppm) 23.2	Total Xylenes	(ppb)	____

Groundwater Sample: Yes ____ No X (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 2-24-04 PRINTED NAME Jeffrey C. Blagg

SIGNATURE Jeffrey C Blagg AND TITLE President P.E. # 11607

revised 01/27/02 bc11202.wpd

B1341

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

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: BP AMERICA PRODUCTION CO. Telephone: (505) 326-9200

Address: 200 ENERGY COURT, FARMINGTON, NM 87401

Facility or Well Name: Wilch A #4E

Location: Unit or Qtr/Qtr Sec L Sec 25 T 29N R 8W County San Juan

Pit Type: Separator ✓ Dehydrator ___ Other ___

Land Type: BLM X, State ___, Fee ___, Other ___

Pit Location: (Attach diagram)

Pit dimensions: length NA, width NA, depth NA

Reference: wellhead X, other ___

Footage from reference: 100'

Direction from reference: 54 Degrees ✓ East North ✓ of West South ___

Depth To Groundwater: (Vertical distance from contaminants to seasonal high water elevation of groundwater)	Less than 50 feet 50 feet to 99 feet Greater than 100 feet	(20 points) (10 points) (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 No	(20 points) (0 points)	0
Distance To Surface Water: (Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irriganon canals and ditches)	Less than 100 feet 100 feet to 1000 feet Greater than 1000 feet	(20 points) (10 points) (0 points)	0

RANKING SCORE (TOTAL POINTS): 0

revised: 09/11/02

bel1202.wpd

Sep B134/

Date Remediation Started: _____ Date Completed: 2-24-04

Remediation Method: (Check all appropriate sections) Excavation X Kay Approx. cubic yards NA Kay 50

Landfarmed ✓ Kay Insitu Bioremediation _____

Other CLOSE AS IS.

Remediation Location: (i.e. landfarmed onsite, name and location of offsite facility) Onsite X Offsite _____

General Description of Remedial Action: Excavation. Test hole advanced. ~~No remediation necessary.~~ Bedrock Bottom

Groundwater Encountered: No X Yes ___ Depth _____

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

Sample location see Attached Documents

Sample depth 9' (Test hole bottom)

Sample date 2-23-04 Sample time 1335

Sample Results

Soil:	Benzene	(ppm) 0.0150	Water:	Benzene	(ppb)	___
	Total BTEX	(ppm) 2.010		Toluene	(ppb)	___
	Field Headspace	(ppm) 341		Ethylbenzene	(ppb)	___
	TPH	(ppm) 858		Total Xylenes	(ppb)	___

Groundwater Sample: Yes ___ No X (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 2-24-04 PRINTED NAME Jeffrey C. Blagg

SIGNATURE Jeffrey C Blagg AND TITLE President P.E. # 11607

revised 01/27/02 bcu1202.wpd

CHAIN OF CUSTODY RECORD

11664

Client / Project Name	Project Location
BLAGG / BP	WILCH A # 4E

Sampler:	Client No.
NJV	94034-010

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	TPH (8015B)	BTEX (8021B)					Remarks
												PRESERVED COOL. GRAB SAMPLES
① @ 6.5'	2/23/04	1323	27917	SOIL	1	✓	✓					BLOW PIT
① @ 9'	2/23/04	1340	27918	SOIL	1	✓	✓					DEHYDRATOR PIT
① @ 3.5'	2/23/04	1337	27919	SOIL	1	✓	✓					PRODUCTION TANK PIT
① @ 9'	2/23/04	1335	27920	SOIL	1	✓	✓					SEPARATOR PIT

ANALYSIS / PARAMETERS

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Nelson VJ	2/24/04	0804	Amy L. Ogden	2/24/04	0804
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

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Sample Receipt	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice	✓		

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	02-24-TPH QA/QC	Date Reported:	02-24-04
Laboratory Number:	27913	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	02-24-04
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	02-19-04	1.8591E-002	1.8572E-002	**0.10%**	**0 - 15%**
Diesel Range C10 - C28	02-19-04	1.5507E-002	1.5492E-002	**0.10%**	**0 - 15%**

Blank Conc. (mg/L - mg/Kg)	Concentration	Detection Limit
Gasoline Range C5 - C10	**ND**	**0.2**
Diesel Range C10 - C28	**ND**	**0.1**
Total Petroleum Hydrocarbons	**ND**	**0.2**

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	**1,840**	**1,830**	**0.5%**	**0 - 30%**
Diesel Range C10 - C28	**938**	**935**	**0.3%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**1,840**	**250**	**2,080**	**99.5%**	**75 - 125%**
Diesel Range C10 - C28	**938**	**250**	**1,180**	**99.3%**	**75 - 125%**

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: **QA/QC for samples 27913 - 27920.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	02-24-BTEX QA/QC	Date Reported:	02-24-04
Laboratory Number:	27913	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	02-24-04
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	4 2776E-002	4.2905E-002	0.3%	ND	0.2
Toluene	4.8966E-002	4.9064E-002	0.2%	ND	0.2
Ethylbenzene	7.4036E-002	7.4259E-002	0.3%	ND	0.2
p,m-Xylene	6 8275E-002	6 8480E-002	0.3%	ND	0.2
o-Xylene	5.5866E-002	5.5978E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	121	124	2.1%	0 - 30%	1.8
Toluene	909	891	2.0%	0 - 30%	1.7
Ethylbenzene	666	652	2.0%	0 - 30%	1.5
p,m-Xylene	2,550	2,600	2.0%	0 - 30%	2.2
o-Xylene	1,230	1,250	1.6%	0 - 30%	1.0

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	121	50.0	171	100.0%	39 - 150
Toluene	909	50.0	957	99.8%	46 - 148
Ethylbenzene	666	50.0	714	99.8%	32 - 160
p,m-Xylene	2,550	100	2,630	99.2%	46 - 148
o-Xylene	1,230	50.0	1,270	99.2%	46 - 148

ND - Parameter not detected at the stated detection limit.

References: *Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.*
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996

Comments: **QA/QC for samples 27913 - 27914, 27917 - 27920.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

14481

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
BLAGG / BP	WILLIAMS A #4E	

Sampler:	Client No.	No. of Containers	TPH (8015B)						Remarks
NV	94034-010								PRESERVED COOL
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix							5 PT. COMPOSITE SAMPLE
SP - 1	9/21/05	1245	34418	SOIL	1	✓					STOCKPILE

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	9/22/05	0847	[signature]	9/22/05	0847
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

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Sample Receipt	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice	✓		

san juan reproduction 578-129

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	09-23-05 QA/QC	Date Reported:	09-23-05
Laboratory Number:	34410	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	09-23-05
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	02-04-05	1.0008E+003	1.0018E+003	**0.10%**	**0 - 15%**
Diesel Range C10 - C28	02-04-05	1.0029E+003	1.0049E+003	**0.20%**	**0 - 15%**

Blank Conc. (mg/L - mg/Kg)	Concentration	Detection Limit
Gasoline Range C5 - C10	**ND**	**0.2**
Diesel Range C10 - C28	**ND**	**0.1**
Total Petroleum Hydrocarbons	**ND**	**0.2**

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	**ND**	**ND**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**ND**	**ND**	**0.0%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**ND**	**250**	**250**	**100.0%**	**75 - 125%**
Diesel Range C10 - C28	**ND**	**250**	**250**	**100.0%**	**75 - 125%**

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: **QA/QC for Samples 34410 - 34412, 34416 - 34419.**

Analyst

Review

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