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
June 1, 2004

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: CORNELL B #1E API #: 30045 24135 U/L or Qtr/Qtr B Sec 14 T 29N R 12 W
County: San Juan Latitude Longitude NAD: 1927 ☐ 1983 ☒
Surface Owner: Federal ☒ State ☐ Private ☐ Indian ☐

RCVD DEC18'06
OIL CONS. DIV.
DIST. 3

Pit	Below-grade tank
Type: Drilling ☐ Production ☒ Disposal ☐ Workover ☐ Emergency ☐ Lined ☐ Unlined ☐ Liner type: Synthetic ☐ Thickness ____mil Clay ☐ Pit Volume ____bbl	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 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: (check the onsite box if your 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

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:
Printed Name/Title DEPUTY OIL & GAS INSPECTOR, DIST. #3 Signature Date: DEC 18 2006

3004524135

CLIENT: BP

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

LOCATION NO: 81146
COCR NO: 10616

FIELD REPORT: PIT CLOSURE VERIFICATION

PAGE No: 1 of 1

LOCATION: NAME: CORNELL B WELL #: 1E TYPE: SEP
QUAD/UNIT: B SEC: 14 TWP: 29N RNG: 12W PM: NM CNTY: SJ ST: NM
QTR/FOOTAGE: 1120'N/1570'E NW/4 CONTRACTOR: FLINT (BEN)

DATE STARTED: 2-7-03
DATE FINISHED: 2-7-03
ENVIRONMENTAL SPECIALIST: JCB

EXCAVATION APPROX. 12 FT. x 12 FT. x 12 FT. DEEP. CUBIC YARDAGE: 60 ±
DISPOSAL FACILITY: ONSITE REMEDIATION METHOD: LF
LAND USE: RANGE - BLM LEASE: ~~SF~~ NM 073695 FORMATION: DK

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 60 FT. S70°W FROM WELLHEAD.
DEPTH TO GROUNDWATER: >100' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: >1000'
NMOCD RANKING SCORE: 0 NMOCD TPH CLOSURE STD: 5000 PPM

OVM CALIB. READ. = 131.2 ppm
OVM CALIB. GAS = 250 ppm RF = 0.52
TIME: 1305 am/pm DATE: 2-7-03

SOIL AND EXCAVATION DESCRIPTION:

SOIL TYPE: (SAND) / SILTY SAND / SILT / SILTY CLAY / CLAY / (GRAVEL) / OTHER + RIVER BOULDERS
SOIL COLOR: 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 - GRAY / BLACK
HC ODOR DETECTED: (YES) NO EXPLANATION - STRONG
SAMPLE TYPE: (GRAB) / COMPOSITE - # OF PTS.
ADDITIONAL COMMENTS: EARTHEN PIT. EXCAVATE TO EQUIPMENT LIMITATIONS. SAMPLED PIT BASE W/ BACKHOE. BACKFILLED W/ clean FILL

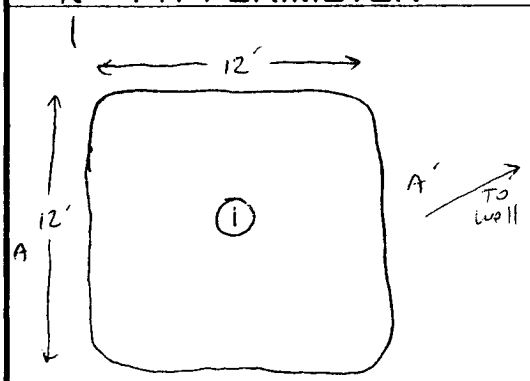
RISK ASSESSED

FIELD 418.1 CALCULATIONS

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

SCALE 0 FT

N PIT PERIMETER



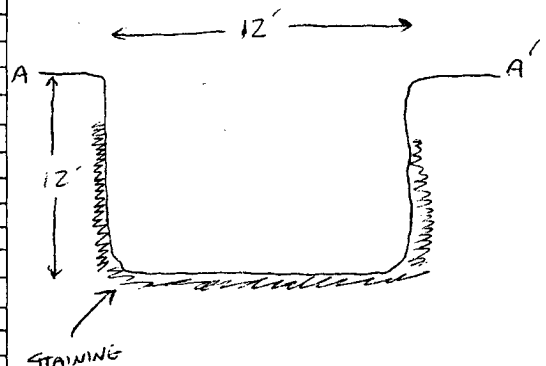
OVM READING

SAMPLE ID	FIELD HEADSPACE (ppm)
1 @ 12'	319
2 @	
3 @	
4 @	
5 @	

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
(1) @ 12'	TPH/BTEX	1220
TPH - FAILED		
BTEX - PASSED		

PIT PROFILE



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

TRAVEL NOTES: CALLOUT: 2-7-03 0945 ONSITE: 2-7-03 1150

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:	SEP 1 @ 12'	Date Reported:	02-10-03
Laboratory Number:	24786	Date Sampled:	02-07-03
Chain of Custody No:	10616	Date Received:	02-07-03
Sample Matrix:	Soil	Date Extracted:	02-10-03
Preservative:	Cool	Date Analyzed:	02-10-03
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	3,220	0.2
Diesel Range (C10 - C28)	2,080	0.1
Total Petroleum Hydrocarbons	5,300	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: **Cornell B 1E.**

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:	SEP 1 @ 12'	Date Reported:	02-10-03
Laboratory Number:	24786	Date Sampled:	02-07-03
Chain of Custody:	10616	Date Received:	02-07-03
Sample Matrix:	Soil	Date Analyzed:	02-10-03
Preservative:	Cool	Date Extracted:	02-10-03
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	53.2	1.8
Toluene	366	1.7
Ethylbenzene	370	1.5
p,m-Xylene	1,300	2.2
o-Xylene	698	1.0
Total BTEX	2,790	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	98 %
	1,4-difluorobenzene	98 %
	Bromochlorobenzene	98 %

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: **Cornell B 1E.**

Analyst

Review

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3004524135

CLIENT: BP

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

LOCATION NO: 8146
C.O.C. NO: 1921

FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION

LOCATION: NAME: CORNELL B WELL #: 1E PITS: PROD., SEP.
QUAD/UNIT: B SEC: 14 TWP: 29N RNG: 12W PM: NM CNTY: SJ ST: NM
QTR/FOOTAGE: NWNE CONTRACTOR:

DATE STARTED: 2-7-03
DATE FINISHED: 3-18-04
ENVIRONMENTAL SPECIALIST: JCG

SOIL REMEDIATION:
REMEDIATION SYSTEM: LANDFARM
LAND USE: RANGE - GRAVEL PIT
APPROX. CUBIC YARDAGE: 85±
LIFT DEPTH (ft): 2'±

FIELD NOTES & REMARKS: NMOCD RANKING SCORE: 0 NMOCD 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 + ABOUT 50% COBBLES
SOIL COLOR: YELLOW TAN
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 - Very minor
SAMPLING DEPTHS (LANDFARMS): 12 (INCHES)
SAMPLE TYPE: GRAB / (COMPOSITE) # OF PTS. 5
ADDITIONAL COMMENTS:

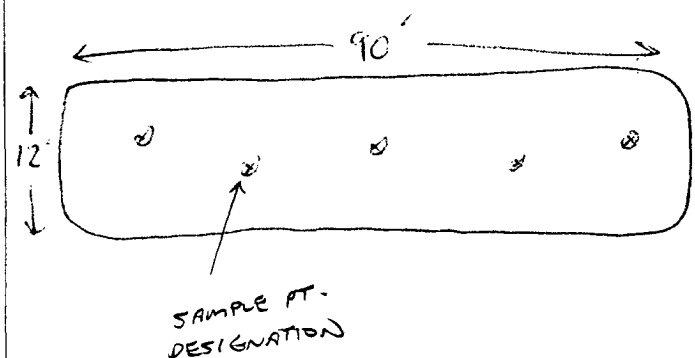
(CLOSED)

FIELD 418.1 CALCULATIONS

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

N ↑

SKETCH/SAMPLE LOCATIONS



OVM CALIB. READ. 53.0 ppm
OVM CALIB. GAS = 100 ppm; RF = 0.52
TIME: 0825 (am)/pm DATE: 3-18-04

OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
5-Pt	27

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME	RESULTS
5-Pt	T.P.H.	0820	ND

SCALE
0 FT

TRAVEL NOTES: CALLOUT: 3/18/04 0720 ONSITE: 3/18/04 0810

revised: 07/16/01 bei1006A.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:	5-Pt. Composite	Date Reported:	03-18-04
Laboratory Number:	28148	Date Sampled:	03-18-04
Chain of Custody No:	11921	Date Received:	03-18-04
Sample Matrix:	Soil	Date Extracted:	03-18-04
Preservative:	Cool	Date Analyzed:	03-18-04
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: **Cornell B #1E Landfarm.**

Analyst

Review

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