

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 PROD. CO. Telephone: (505-326-9200) e-mail address: _____
Address: 200 ENERGY COURT, FARMINGTON, NM 87410
Facility or well name: BRUINGTON GC B #1 API #: 30-045- 08413 U/L or Qtr/Qtr A Sec 15 T 29N R 12W
County: SAN JUAN Latitude 36.73166 Longitude 108.08044 NAD: 1927 ☐ 1983 ☒ Surface Owner Federal ☒ State ☐ Private ☐ Indian ☐

Pit	Below-grade tank	
Type: Drilling <input type="checkbox"/> Production <input type="checkbox"/> Disposal <input checked="" type="checkbox"/> <u>PRODUCTION TANK</u> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input type="checkbox"/> Unlined <input checked="" type="checkbox"/> Liner type: Synthetic <input type="checkbox"/> Thickness _____ mil Clay <input type="checkbox"/> Pit Volume _____ bbl	Volume: _____ bbl Type of fluid: _____ Construction material: <u>N/A</u> 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)		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 you are burying in place) onsite ☐ offsite ☒ If offsite, name of facility BP CROUCH MESA LF. (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: <u>PIT LOCATED APPROXIMATELY 159 FT. S1E FROM WELL HEAD.</u>
<u>PIT EXCAVATION: WIDTH 12 ft., LENGTH 12 ft., DEPTH 7 ft.</u>
<u>PIT REMEDIATION: CLOSE AS IS: <input type="checkbox"/> LANDFARM: <input checked="" type="checkbox"/> COMPOST: <input type="checkbox"/> STOCKPILE: <input type="checkbox"/> OTHER <input type="checkbox"/> (explain)</u>
Cubic yards: <u>20</u>
<u>BEDROCK BOTTOM</u>

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 alternative OCD-approved plan ☒.

Date: 04/26/05

Printed Name/Title Jeff Blagg - P.E. # 11607 Signature Jeff 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. 4 Signature Denny Fark Date: _____

CLIENT: <u>BP</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>81508</u> COCR NO: <u>13984</u>
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FIELD REPORT: PIT CLOSURE VERIFICATION

PAGE No: 1 of 1

LOCATION: NAME: <u>BRUINGTON GC B</u> WELL#: <u>1</u> TYPE: <u>PROD.</u> QUAD/UNIT: <u>A SEC: 15 TWP: 29N RNG: 12W PM: NM CNTY: 5J ST: NM</u> QTR/FOOTAGE: <u>790 FNL x 840 FEL</u> ^{NE(NE)} CONTRACTOR: <u>HD (ONOFRE)</u>	DATE STARTED: <u>4/22/05</u> DATE FINISHED: <u>4/22/05</u> ENVIRONMENTAL SPECIALIST: <u>JCB</u>
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EXCAVATION APPROX. 12 FT. x 12 FT. x 7 FT. DEEP. CUBIC YARDAGE: 20±
 DISPOSAL FACILITY: BP CROWN MESA LF REMEDIATION METHOD: EXCAVATE + LANDFARM
 LAND USE: RURAL RESIDENTIAL LEASE: NM 073812 FORMATION: DK

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 159 FT. S/E 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. = 52.9 ppm
 OVM CALIB. GAS = 100 ppm RF = 0.52
 TIME: 0905 am/pm DATE: 4-22-05

TO 7' BG
 SOIL TYPE: SAND (SILTY SAND) / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER BEDROCK S.S. @ 7' BG
 SOIL COLOR: DARK 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 - MINOR STAINING IN EXCAVATED SOILS
 HC ODOR DETECTED: YES / NO EXPLANATION - MINOR
 SAMPLE TYPE: GRAB / COMPOSITE - # OF PTS. 1
 ADDITIONAL COMMENTS: 12' x 12' x 3' DEEP EARTHEN PIT. EXCAVATE TO BEDROCK S.S. @ 7' TO REMOVE IMPACTED SOILS.
BEDROCK BOTTOM

CLOSED

FIELD 418.1 CALCULATIONS

SCALE	SAMP. TIME	SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. (ppm)
0 1 2 FT								

PIT PERIMETER

PIT PROFILE

OVM READING

SAMPLE ID	FIELD HEADSPACE (ppm)
1 @ 5'	12.0
2 @ 5'	28
3 @ 5'	94
4 @ 5'	16
5 @ 7'	184

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
5 @ 7'	TAN/BTEX	1010
	<u>PASSED</u>	

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

TRAVEL NOTES: CALLOUT: 4/22/05 ONSITE: 4/22/05 0900



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop

Cabinet Secretary

Lori Wrotenbery

Director

Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address BP AMERICA 200 ENERGY CT FARMINGTON, NM 87413	2. Destination Name: BP CROUCH MESA L.F. SAN JUAN COUNTY, NM
3. Originating Site (name): BRUINGTON GC B #1	Location of the Waste (Street address &/or ULSTR): (A) SEC 15 - T29N - R12W SAN JUAN CO., NM
attach list of originating sites as appropriate	
4. Source and Description of Waste REMEDIATION OF EARTHEN P.T	

I, JEFF BLAGG representative for :
Print Name

BP AMERICA do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above described waste is: (Check appropriate classification)

☒ EXEMPT oilfield waste

☐ NON-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non-hazardous waste defined above.

For NON-EXEMPT waste the following documentation is attached (check appropriate items):

☐ MSDS Information

☐ RCRA Hazardous Waste Analysis

☐ Chain of Custody

☐ Other (description)

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): JEFF BLAGG

Title: NMPE 11607, AGENT

Date: APRIL 22, 2005

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

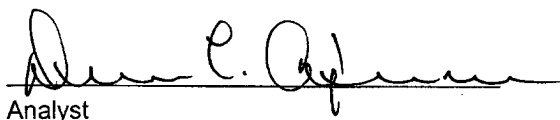
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	5 @ 7'	Date Reported:	04-26-05
Laboratory Number:	32768	Date Sampled:	04-22-05
Chain of Custody No:	13984	Date Received:	04-25-05
Sample Matrix:	Soil	Date Extracted:	04-25-05
Preservative:	Cool	Date Analyzed:	04-26-05
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

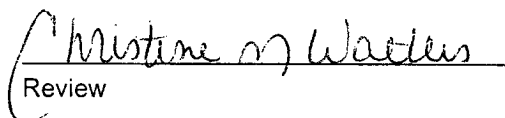
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	0.9	0.2
Diesel Range (C10 - C28)	1.6	0.1
Total Petroleum Hydrocarbons	2.5	0.2

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: **Bruington GC B #1 Prod Pit.**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	5 @ 7'	Date Reported:	04-26-05
Laboratory Number:	32768	Date Sampled:	04-22-05
Chain of Custody:	13984	Date Received:	04-25-05
Sample Matrix:	Soil	Date Analyzed:	04-26-05
Preservative:	Cool	Date Extracted:	04-25-05
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	2.1
Toluene	13.7	1.8
Ethylbenzene	40.8	1.7
p,m-Xylene	378	1.5
o-Xylene	107	2.2
Total BTEX	540	

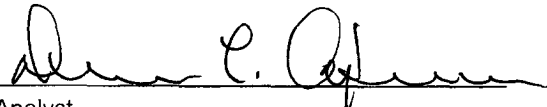
ND - Parameter not detected at the stated detection limit.

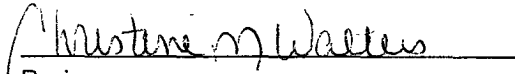
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	98.0 %
	1,4-difluorobenzene	98.0 %
	Bromochlorobenzene	98.0 %

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: Bruington GC B #1 Prod Pit.


Analyst


Review