

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 <u>BP America Production Company</u> Telephone <u>(505)326-9200</u> e-mail address: _____		
Address <u>200 Energy Ct, Farmington, NM 87401</u>		
Facility or well name <u>GCU #213</u>	API #: <u>30045 11618</u>	U/L or Qtr/Qtr <u>J</u> Sec <u>8</u> T <u>28</u> N <u>R</u> <u>12</u> W
County <u>San Juan</u>	Latitude _____	Longitude _____ NAD 1927 <input type="checkbox"/> 1983 <input checked="" type="checkbox"/>
Surface Owner Federal <input type="checkbox"/> State <input type="checkbox"/> Private <input type="checkbox"/> Indian <input checked="" type="checkbox"/>		
Pit		
Type Drilling <input type="checkbox"/> Production <input type="checkbox"/> Disposal <input checked="" type="checkbox"/> 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		
Below-grade tank		
Volume: _____ bbl Type of fluid: <u>MA</u>		
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)		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 _____. (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	RCVD JUN13'07
See Attached Documentation	OIL CONS. DIV.
	DIST. 3

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,
District #3

Printed Name/Title _____

Signature Bob Bell

Date

AUG 10 2007

3004511610

CLIENT: <u>BP</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>80889</u> C.D.C. NO: <u>9419</u>
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D&A

FIELD REPORT: CLOSURE VERIFICATION		PAGE No: <u>1</u> of <u>1</u>
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LOCATION. NAME <u>Gen</u> WELL # <u>213</u> PIT <u>BLW</u> QUAD/UNIT: <u>J</u> SEC <u>8</u> TWP. <u>28N</u> RNG: <u>12W</u> PM: <u>NM</u> CNTY: <u>SS</u> ST: <u>NM</u> QTR/FOOTAGE: <u>1450'S/2370'E</u> <u>W</u> ISE CONTRACTOR <u>FLINT</u>	DATE STARTED <u>8/22/01</u> DATE FINISHED _____ ENVIRONMENTAL SPECIALIST <u>NV</u>
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EXCAVATION APPROX. <u>NA</u> FT. x <u>NA</u> FT. x <u>NA</u> FT. DEEP CUBIC YARDAGE. <u>20</u>
DISPOSAL FACILITY: <u>ON-SITE</u> REMEDIATION METHOD: <u>DILUTED/AGGATED</u>
LAND USE: <u>RANGE - BLM</u> LEASE: <u>CA 892000844F</u> FORMATION: <u>JK</u>

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY <u>210</u> FT. <u>547E</u> FROM WELLHEAD	
DEPTH TO GROUNDWATER: <u>>100'</u> NEAREST WATER SOURCE: <u>>1000'</u> NEAREST SURFACE WATER: <u>>1000'</u>	
NMOCB RANKING SCORE: <u>0</u> NMOCB TPH CLOSURE STD: <u>5000</u> PPM	CHECK ONE: <input checked="" type="checkbox"/> PIT ABANDONED <input type="checkbox"/> STEEL TANK INSTALLED <input type="checkbox"/> FIBERGLASS TANK INSTALLED

SOIL AND EXCAVATION DESCRIPTION: SOIL TYPE: <u>(SAND)</u> / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER <u>BEDROCK (SANDSTONE)</u> SOIL COLOR: <u>DK. GRAY TO BLACK</u> BEDROCK - <u>LT. MED. GRAY</u> COHESION (ALL OTHERS): <u>(NON COHESIVE)</u> SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE CONSISTENCY (NON COHESIVE SOILS): LOOSE / <u>(FIRM)</u> 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 / <u>(SLIGHTLY MOIST)</u> / <u>(MOIST)</u> WET / SATURATED / SUPER SATURATED DISCOLORATION/STAINING OBSERVED: <u>(YES)</u> / NO EXPLANATION - <u>THROUGHOUT TEST HOLE INTERIOR TO BEDROCK.</u> HC ODOR DETECTED: <u>(YES)</u> / NO EXPLANATION - <u>THROUGHOUT HAND AUGERED TEST HOLE.</u> SAMPLE TYPE: <u>(GRAB)</u> / COMPOSITE - # OF PTS. <u>—</u> ADDITIONAL COMMENTS: <u>PARAFFIN TYPE LAYER APPROX. 6"-12" IMMEDIATELY BELOW PIT DEPRESSION THEN PHASING INTO SAND DOWN TO BEDROCK (APPROX. 2' THICK).</u> <div style="border: 1px solid black; padding: 2px; display: inline-block;">BEDROCK BOTTOM</div>	OVM CALIB. READ. <u>53.7</u> ppm OVM CALIB. GAS = <u>100</u> ppm RF = <u>0.52</u> TIME: <u>5:00</u> am/pm DATE: <u>8/22/01</u>
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FIELD 418.1 CALCULATIONS								
SCALE	SAMP. TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC ppm
0 FT								

PIT PERIMETER

P.D. = PIT DEPRESSION, B.G. = BELOW GRADE
T.H. = TEST HOLE

PIT PROFILE

OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1 @ 6'	303
2 @	
3 @	
4 @	
5 @	

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
1 @ 6'	TPH (8015)	1818
"	BTEX (8021)	"

BOTH PASSED

NOT APPLICABLE

TRAVEL NOTES: CALLOUT: <u>8/22/01-AFTER.</u> ONSITE: <u>8/22/01-AFTER.</u>
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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

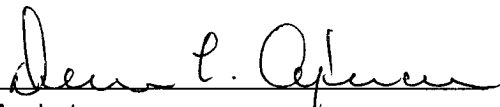
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 6'	Date Reported:	08-24-01
Laboratory Number:	20740	Date Sampled:	08-22-01
Chain of Custody No:	9419	Date Received:	08-23-01
Sample Matrix:	Soil	Date Extracted:	08-23-01
Preservative:	Cool	Date Analyzed:	08-24-01
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

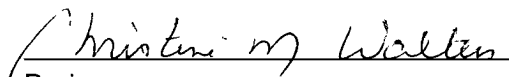
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	187	0.2
Diesel Range (C10 - C28)	704	0.1
Total Petroleum Hydrocarbons	891	0.2

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 #213 Blow Pit Grab Sample.**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 6'	Date Reported:	08-24-01
Laboratory Number:	20740	Date Sampled:	08-22-01
Chain of Custody:	9419	Date Received:	08-23-01
Sample Matrix:	Soil	Date Analyzed:	08-24-01
Preservative:	Cool	Date Extracted:	08-23-01
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	78.5	1.8
Toluene	291	1.7
Ethylbenzene	287	1.5
p,m-Xylene	893	2.2
o-Xylene	528	1.0
Total BTEX	2,080	

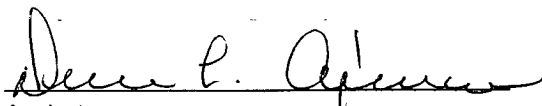
ND - Parameter not detected at the stated detection limit.

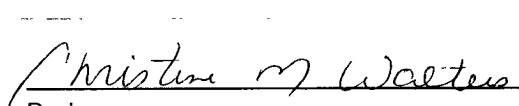
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	94 %
	1,4-difluorobenzene	94 %
	Bromochlorobenzene	94 %

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: GCU #213 Blow Pit Grab Sample.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

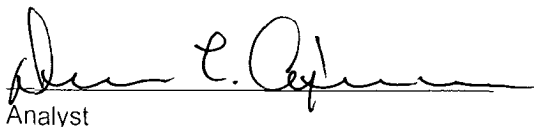
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	5 PC @ 1.5' - 2'	Date Reported:	04-02-03
Laboratory Number:	25266	Date Sampled:	03-31-03
Chain of Custody No:	10702	Date Received:	04-01-03
Sample Matrix:	Soil	Date Extracted:	04-02-03
Preservative:	Cool	Date Analyzed:	04-02-03
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

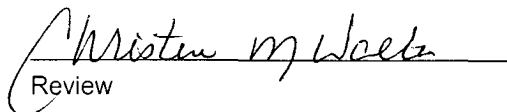
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	348	0.1
Total Petroleum Hydrocarbons	348	0.2

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 #213 Blow Pit 5 Pt. Composite Sample.**


Analyst


Review