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 MAR20'07
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: **HEATH GC P #1E** API #: **30-045-25659** U/L or Qtr/Qtr **C** Sec **31** T **30N** R **9W**

County: San Juan Latitude 36.77365 Longitude 107.82414 NAD: 1927 ☐ 1983 ☒ Surface Owner Federal ☒ State ☐ Private ☐ Indian ☐

Pit	**Below-grade tank**		
Type: Drilling ☐ Production ☒ Disposal ☐ SEP./PROD. TANK Workover ☐ Emergency ☐ Lined ☒ Unlined ☐ STEEL TANK 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 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:

Date: MAR 20 2007

Printed Name/Title DEPUTY OIL & GAS INSPECTOR, DIST. #3 Signature Brandon Powell

CLIENT: BP

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

LOCATION NO: 80747
COCR NO: —

5 *

FIELD REPORT: PIT CLOSURE VERIFICATION

PAGE No: 1 of 1

LOCATION: NAME: HEATH GC P WELL #: 1E TYPE: SEP./PROD.
QUAD/UNIT: C SEC: 31 TWP: 30N RNG: 9W PM: NM CNTY: SJ ST: NM
QTR/FOOTAGE: 790'N/880'W NE/NW CONTRACTOR: HOI (ONOFRE)

DATE STARTED: 3/5/04
DATE FINISHED:
ENVIRONMENTAL SPECIALIST: NV

EXCAVATION APPROX. NA FT. x NA FT. x NA FT. DEEP. CUBIC YARDAGE: NA
DISPOSAL FACILITY: ON-SITE REMEDIATION METHOD: CLOSE AS IS
LAND USE: RANGE - BLM LEASE: NM076098 FORMATION: DK/MV

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 177 FT. N46E 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. = 53.3 ppm
OVM CALIB. GAS = 100 ppm RF = 0.52
TIME: 2:40 am/pm DATE: 3/5/04

SOIL AND EXCAVATION DESCRIPTION:

SOIL TYPE: SAND / SILTY SAND / SILT / (SILTY CLAY) / (CLAY) / GRAVEL / OTHER
SOIL COLOR:
~~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 -
SAMPLE TYPE: (GRAB) / COMPOSITE - # OF PTS. —
ADDITIONAL COMMENTS: STEEL TANK REMOVED PRIOR TO ARRIVAL. NO TPH ANALYSIS WAS CONDUCTED.

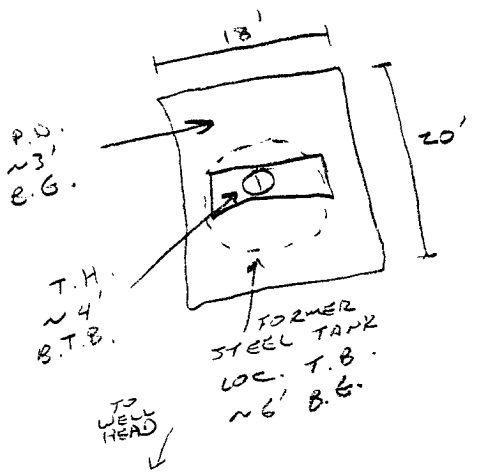
(CLOSED)

FIELD 418.1 CALCULATIONS

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

SCALE 0 FT

PIT PERIMETER



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

OVM READING

SAMPLE ID	FIELD HEADSPACE (ppm)
1 @ 10'	5.4
2 @	
3 @	
4 @	
5 @	

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
	—	1430

PIT PROFILE

NOT APPLICABLE

TRAVEL NOTES: CALLOUT: 3/5/04 - NOON ONSITE: 3/5/04 - AFTER.

revised: 09/04/02

bei1005C.skf

CLIENT: BP

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

LOCATION NO: B0747
C.O.C. NO: 14539

FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION

LOCATION: NAME: HEATH GC P WELL #: 1E PITS: DEHY
QUAD/UNIT: C SEC: 31 TWP: 30N RNG: 9W PM: NM CNTY: SJ ST: NM
QTR/FOOTAGE: NE/NW CONTRACTOR:

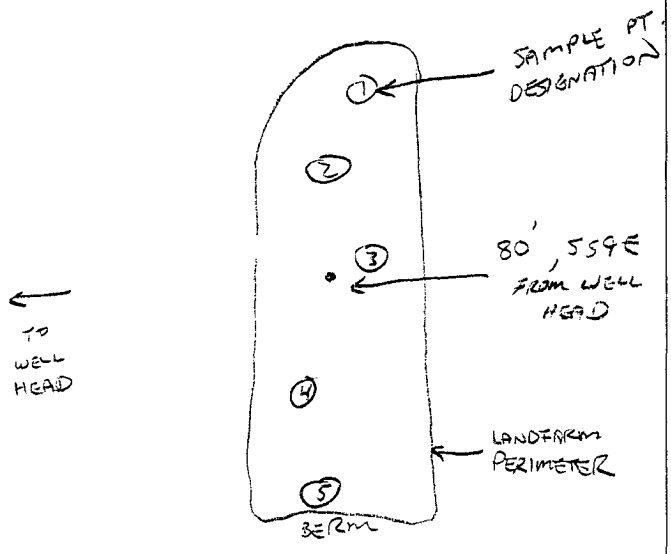
DATE STARTED: 3/21/06
DATE FINISHED:
ENVIRONMENTAL SPECIALIST: NV

SOIL REMEDIATION:
REMEDIATION SYSTEM: LANDFARM
APPROX. CUBIC YARDAGE: 100
LAND USE: RANGE
LIFT DEPTH (ft): 1

FIELD NOTES & REMARKS: DEPTH TO GROUNDWATER: >100' NEAREST SURFACE WATER: >1000'
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 BEDROCK FRAGMENTS
SOIL COLOR: VERY PALE ORANGE TO OLIVE GRAY
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
CLOSED
DISCOLORATION/STAINING OBSERVED: YES / (NO) EXPLANATION -
HC ODOR DETECTED: YES / (NO) EXPLANATION -
SAMPLING DEPTHS (LANDFARMS): 6 - 8 (INCHES)
SAMPLE TYPE: GRAB / (COMPOSITE) # OF PTS. 5
ADDITIONAL COMMENTS:

SKETCH/SAMPLE LOCATIONS



OVM CALIB. READ. = 53.9 ppm
OVM CALIB. GAS = 100 ppm RF = 0.52
TIME: 9:00 (am)/pm DATE: 3/21/06

OVM RESULTS

SAMPLE ID	FIELD HEADSPACE (ppm)
LF-1	0.0

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME	RESULTS
LF-1	TPH (8015B)	1120	107

P.C. - 3/5/04

SCALE
0 FT

TRAVEL NOTES: CALLOUT: N/A ONSITE:

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:	03-23-06
Laboratory Number:	36494	Date Sampled:	03-21-06
Chain of Custody No:	14539	Date Received:	03-21-06
Sample Matrix:	Soil	Date Extracted:	03-22-06
Preservative:	Cool	Date Analyzed:	03-23-06
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**0.6**	**0.2**
Diesel Range (C10 - C28)	**106**	**0.1**
Total Petroleum Hydrocarbons	**107**	**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: **Heath GC P #1E Landfarm 5 Pt. Composite Sample.**

Analyst

Review

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