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: State GCJ #1A API #: 3004522762 U/L or Qtr/Qtr F Sec 36 T 30N R 9W
County: San Juan Latitude Longitude NAD: 1927 ☐ 1983 ☐
Surface Owner: Federal ☐ State ☐ Private ☐ Indian ☐

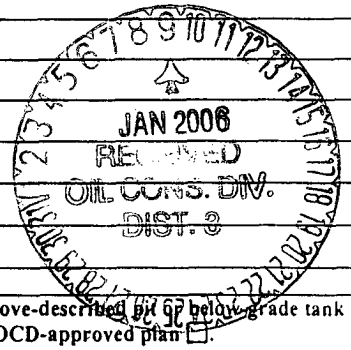
| Pit | Below-grade tank |
|---|---|
| Type: Drilling ☐ Production ☒ Disposal ☐<br>Workover ☐ Emergency ☐<br>Lined ☐ Unlined ☐<br>Liner type: Synthetic ☐ Thickness ____mil Clay ☐<br>Pit Volume ____bbl | Volume: ____bbl Type of fluid: ____<br>Construction material: ____<br>Double-walled, with leak detection?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

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. Signature Brandon Powell Date: JAN 09 2006

VUL

CLIENT: BP

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

LOCATION NO: 80289
COCR NO: HALL

5

# FIELD REPORT: PIT CLOSURE VERIFICATION

PAGE No: 1 of 1

LOCATION: NAME: STATE GC J WELL #: 1A TYPE: DRIP
QUAD/UNIT: F SEC: 36 TWP: 30N RNG: 9W PM: NM CNTY: SJ ST: NM
QTR/FOOTAGE: 1450'N/1915'W SE/NW CONTRACTOR: L&L (BRIAN)

DATE STARTED: 3/11/04
DATE FINISHED: 4/1/04
ENVIRONMENTAL SPECIALIST: NV

EXCAVATION APPROX. 25 FT. x 25 FT. x 22 FT. DEEP. CUBIC YARDAGE: 500
DISPOSAL FACILITY: BP AMER. CROUCH MESA FAC. REMEDIATION METHOD: LANDFARM
LAND USE: RANGE LEASE: STATE FORMATION: MV

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 129 FT. N65E FROM WELLHEAD.
DEPTH TO GROUNDWATER: <50' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: <1000'
NMOCD RANKING SCORE: 30 NMOCD TPH CLOSURE STD: 100 PPM

OVM CALIB. READ. = 52.8 ppm
OVM CALIB. GAS = 100 ppm RF = 0.52
TIME: 9:26 am/pm DATE: 3/10/04

## SOIL AND EXCAVATION DESCRIPTION:

SOIL TYPE: (SAND) SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER
SOIL COLOR: MED. GRAY TO BLACK (OR. YELL. ORANGE - AFTER EXCAVATION)
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 THROUGH ENTIRE TEST HOLE.
HC ODOR DETECTED (YES) NO EXPLANATION - DISCOLORED SOIL NOTED ABOVE.
SAMPLE TYPE: (GRAB) / COMPOSITE - # OF PTS. —
ADDITIONAL COMMENTS: STEEL TANK REMOVED PRIOR TO ARRIVAL.

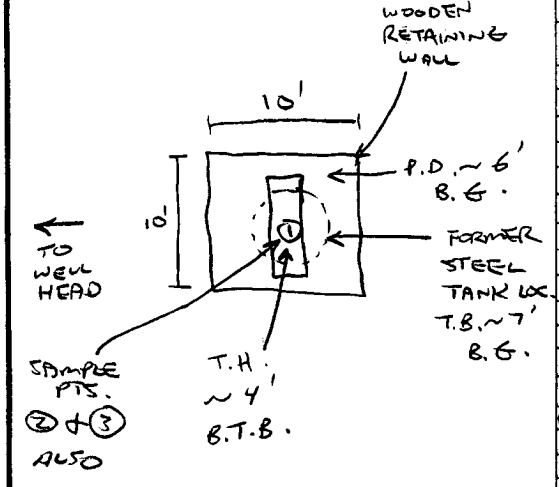
CLOSED

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 @ 11' | 272 |
| 2 @ 17' | 1126 |
| 3 @ 22' | 0.0 |
| 4 @ | |
| 5 @ | |

3/30/04 1335
4/1/04 1410

## LAB SAMPLES

| SAMPLE ID | ANALYSIS | TIME |
|---|---|---|
| ① @ 11' | TPH (8015B) | 1535 |
| 11 | BTEX (8021B) | 11 |
| | BOTH FAILED | |
| ③ @ 22' | TPH (8015B) | 1410 - 4/1/04 PASSED |

## PIT PROFILE

3/11/04
WILL EXCAVATE @ A LATER DATE.

TRAVEL NOTES: CALLOUT: 3/11/04 - MORN. ONSITE: 3/11/04 - AFTER. (SCHEDULED)

# Hall Environmental Analysis Laboratory

**Date:** *23-Mar-04*

| | | | |
|---|---|---|---|
| **CLIENT:** | Blagg Engineering | **Client Sample ID:** | 1@11' Drip Pit |
| **Lab Order:** | 0403122 | **Collection Date:** | 3/11/2004 3:35:00 PM |
| **Project:** | State GC J #1A | | |
| **Lab ID:** | 0403122-03 | **Matrix:** | SOIL |

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **EPA METHOD 8015B: DIESEL RANGE** | | | | | | Analyst: **JMP** |
| Diesel Range Organics (DRO) | 180 | 5.0 | | mg/Kg | 1 | 3/16/2004 9:11:51 PM |
| Motor Oil Range Organics (MRO) | 100 | 50 | | mg/Kg | 1 | 3/16/2004 9:11:51 PM |
| Surr: DNOP | 114 | 60-124 | | %REC | 1 | 3/16/2004 9:11:51 PM |
| **EPA METHOD 8015B: GASOLINE RANGE** | | | | | | Analyst: **NSB** |
| Gasoline Range Organics (GRO) | 2500 | 250 | | mg/Kg | 50 | 3/16/2004 2:53:56 PM |
| Surr: BFB | 99.2 | 74-118 | | %REC | 50 | 3/16/2004 2:53:56 PM |
| **EPA METHOD 8021B: VOLATILES** | | | | | | Analyst: **NSB** |
| Methyl tert-butyl ether (MTBE) | ND | 5.0 | | mg/Kg | 50 | 3/16/2004 2:53:56 PM |
| Benzene | 10 | 1.3 | | mg/Kg | 50 | 3/16/2004 2:53:56 PM |
| Toluene | 100 | 1.3 | | mg/Kg | 50 | 3/16/2004 2:53:56 PM |
| Ethylbenzene | 19 | 1.3 | | mg/Kg | 50 | 3/16/2004 2:53:56 PM |
| Xylenes, Total | 170 | 1.3 | | mg/Kg | 50 | 3/16/2004 2:53:56 PM |
| Surr: 4-Bromofluorobenzene | 161 | 74-118 | S | %REC | 50 | 3/16/2004 2:53:56 PM |

**Qualifiers:**

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

# Hall Environmental Analysis Laboratory

**Date:** *12-Apr-04*

| | | | |
|---|---|---|---|
| **CLIENT:** | Blagg Engineering | **Client Sample ID:** | 3 @ 22'-DRIP PIT |
| **Lab Order:** | 0404023 | **Collection Date:** | 4/1/2004 2:10:00 PM |
| **Project:** | State GC J #1A | | |
| **Lab ID:** | 0404023-01 | **Matrix:** | SOIL |

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **EPA METHOD 8015B: DIESEL RANGE** | | | | | | Analyst: **JMP** |
| Diesel Range Organics (DRO) | ND | 5.0 | | mg/Kg | 1 | 4/7/2004 4:28:59 AM |
| Motor Oil Range Organics (MRO) | ND | 50 | | mg/Kg | 1 | 4/7/2004 4:28:59 AM |
| Surr: DNOP | 109 | 60-124 | | %REC | 1 | 4/7/2004 4:28:59 AM |
| **EPA METHOD 8015B: GASOLINE RANGE** | | | | | | Analyst: **NSB** |
| Gasoline Range Organics (GRO) | ND | 5.0 | | mg/Kg | 1 | 4/7/2004 5:17:50 PM |
| Surr: BFB | 102 | 74-118 | | %REC | 1 | 4/7/2004 5:17:50 PM |

**Qualifiers:**

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range