

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: <u>BP AMERICA PROD. CO.</u> Telephone: <u>505-326-9200</u> e-mail address: _____   |   |                       |
| Address: <u>200 ENERGY COURT, FARMINGTON, NM 87410</u>   |   |                       |
| Facility or well name: <u>SCHWERTFEGER COM #1</u> API #: <u>30-045- 20154</u> U/L or Qtr/Qtr <u>M</u> Sec <u>27</u> T <u>31N</u> R <u>9W</u>   |   |                       |
| County: <u>SAN JUAN</u> Latitude <u>36.86522</u> Longitude <u>107.77283</u> NAD: 1927 <input type="checkbox"/> 1983 <input checked="" type="checkbox"/> Surface Owner Federal <input checked="" type="checkbox"/> State <input type="checkbox"/> Private <input type="checkbox"/> Indian <input type="checkbox"/>  |   |                       |
| <b>Pit</b><br>Type: Drilling <input type="checkbox"/> Production <input type="checkbox"/> Disposal <input checked="" type="checkbox"/> <u>BLOW</u><br>Workover <input type="checkbox"/> Emergency <input type="checkbox"/><br>Lined <input type="checkbox"/> Unlined <input checked="" type="checkbox"/><br>Liner type: Synthetic <input type="checkbox"/> Thickness _____ mil Clay <input type="checkbox"/><br>Pit Volume _____ bbl | <b>Below-grade tank</b><br>Volume: _____ bbl Type of fluid: _____<br>Construction material: <u>N/A</u><br>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) <b>20</b> |
|  | 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) <b>0</b>  |
| 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) <b>10</b> |
|  | 1000 feet or more   | ( 0 points)           |
| <b>Ranking Score (Total Points)</b>  |   | <b>30</b>             |

**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: <u>PIT LOCATED APPROXIMATELY 93 FT. N27W FROM WELL HEAD.</u>  |
| <u>PIT EXCAVATION: WIDTH N/A ft. , LENGTH N/A ft. , DEPTH N/A ft. .</u>  |
| <u>PIT REMEDIATION: CLOSE AS IS: <input checked="" type="checkbox"/> LANDFARM: <input type="checkbox"/> COMPOST: <input type="checkbox"/> STOCKPILE: <input type="checkbox"/> OTHER <input type="checkbox"/> (explain)</u> |
| Cubic yards: <u>N/A</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: 05/16/05

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. 3 Signature Jerry Fatt Date: FEB 21 2006

CLIENT: BP

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

LOCATION NO: B1516  
COCR NO: HALL

FIELD REPORT: PIT CLOSURE VERIFICATION

PAGE No: 1 of 1

LOCATION: NAME: SCHWERTFEGER COM. WELL #: 1 TYPE: BLOW  
QUAD/UNIT: M SEC: 27 TWP: 31N RNG: 9W PM: NM CNTY: ST ST: NM  
QTR/FOOTAGE: 1190'S/1190'W SW/SEW CONTRACTOR: P+S (TRINM)

DATE STARTED: 5/10/05  
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: NM 074013 FORMATION: DK

FIELD NOTES & REMARKS:  
PIT LOCATED APPROXIMATELY 93 FT. N27W FROM WELLHEAD.  
DEPTH TO GROUNDWATER: <50' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: <1000'  
NMOCD RANKING SCORE: 30 NMOCD TPH CLOSURE STD: 100 PPM

SOIL AND EXCAVATION DESCRIPTION: EUU, -6083'  
OVM CALIB. READ. = 53.7 ppm  
OVM CALIB. GAS = 100 ppm RF = 0.52  
TIME: 12:20 am/pm DATE: 5/9/05

SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER  
SOIL COLOR: PALE YEL. ORANGE  
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:

CLOSED

SCALE  
0 FT

FIELD 418.1 CALCULATIONS  
SAMP. TIME SAMP. ID LAB NO. WEIGHT (g) mL FREON DILUTION READING CALC. (ppm)

PIT PERIMETER N  
17'  
8' 6"  
16'  
P.D. N2' B.G.  
T.H. N2' B.P.D.  
TO WELL HEAD

PIT PROFILE  
OVM READING  
SAMPLE ID FIELD HEADSPACE (ppm)  
1 @ 14' 0.0  
2 @  
3 @  
4 @  
5 @  
NOT APPLICABLE  
LAB SAMPLES  
SAMPLE ID ANALYSIS TIME  
Dc14 TPH(90158) 0805  
PASSED

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

TRAVEL NOTES: CALLOUT: 5/9/05 - AFTER. ONSITE: 5/10/05 - MORN. (SCHED.)

# Hall Environmental Analysis Laboratory

Date: 17-May-05

**CLIENT:** Blagg Engineering  
**Lab Order:** 0505092  
**Project:** Schwerdtfeger Com #1  
**Lab ID:** 0505092-01

**Client Sample ID:** Blow Pit 1-14'  
**Collection Date:** 5/10/2005 8:05:00 AM

**Matrix:** SOIL

| Analyses                                       | Result | PQL      | Qual | Units | DF | Date Analyzed        |
|--|--------|----------|------|-------|----|----------------------|
| <b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b> |        |          |      |       |    | Analyst: <b>SCC</b>  |
| Diesel Range Organics (DRO)                    | ND     | 10       |      | mg/Kg | 1  | 5/15/2005 3:23:43 PM |
| Motor Oil Range Organics (MRO)                 | ND     | 50       |      | mg/Kg | 1  | 5/15/2005 3:23:43 PM |
| Surr: DNOP                                     | 83.8   | 60-124   |      | %REC  | 1  | 5/15/2005 3:23:43 PM |
| <b>EPA METHOD 8015B: GASOLINE RANGE</b>        |        |          |      |       |    | Analyst: <b>NSB</b>  |
| Gasoline Range Organics (GRO)                  | ND     | 5.0      |      | mg/Kg | 1  | 5/16/2005 1:46:38 PM |
| Surr: BFB                                      | 101    | 78.3-120 |      | %REC  | 1  | 5/16/2005 1:46:38 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