DISTRICT 1 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

## 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

<u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505

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 \( \square\) Closure of a pit or below-grade tank \( \square\)  |   |  |  |  |
|---|---|--|--|--|
| Operator: BP AMERICA PROD. CO. Telephone: (505)-326-9200 e-mail address:  |   |  |  |  |
| Address: 200 ENERGY COURT. FARMINGTON. NM 87410   |   |  |  |  |
|   |   | ur I Sec 27 T 32N P 11W                        |  |  |
| Facility or well name: VAN HOOK LS #1A  County: SAN JUAN Latitude 36.95316 Longitude 10   | 7.97107 NAD: 1927 1983 M Surface On                     | uner Federal M State Private I Indian          |  |  |
| County  | NAD. 1927   1965   Surface Ov                           | vici i edetai 🖾 State 🖺 i iivate 🗒 inotaii 🗍   |  |  |
| Pit   | Below-grade tank  |  |  |  |
| Type: Drilling ☐ Production ☐ Disposal ☒ PRODUCTION TANK  | Volume:bbl_Type of fluid:                               |  |  |  |
| Workover  Emergency   | Construction material:                                  |  |  |  |
| Lined Unlined 🛛   | Double-walled, with leak detection? Yes I If not        | explain why not.                               |  |  |
| Liner type: Synthetic Thickness mil Clay  |   | • •  |  |  |
| Pit Volumebbl   |   |  |  |  |
|   | Less than 50 feet                                       | (20 points)                                    |  |  |
| Depth to ground water (vertical distance from bottom of pit to seasonal   | 50 feet or more, but less than 100 feet                 | (10 points) <b>0</b>                           |  |  |
| high water elevation of ground water.)  | 100 feet or more  | ( 0 points)                                    |  |  |
|   | Yes   | (20 points)                                    |  |  |
| Wellhead protection area: (Less than 200 feet from a private domestic   | No  | ( 0 points) <b>0</b>                           |  |  |
| water source, or less than 1000 feet from all other water sources.)   | 140   | ( o points)                                    |  |  |
| Distance to surface water: (horizontal distance to all wetlands, playas,  | Less than 200 feet                                      | (20 points)                                    |  |  |
| igation canals, ditches, and perennial and ephemeral watercourses.)   | 200 feet or more, but less than 1000 feet               | (10 points) <b>0</b>                           |  |  |
| 1.  | 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 | te disposal location: (check the onsite box if |  |  |
| your are burying in place) onsite \( \square\) offsite \( \square\) If offsite, name of facility_   | . (3) Attach a general d                                | escription of remedial action taken including  |  |  |
| remediation start date and end date. (4) Groundwater encountered: No 🔯  |   |  |  |  |
| Attach soil sample results and a diagram of sample locations and excavation   |   | 1 ()   |  |  |
| Additional Comments: PIT LOCATED APPROXIMATEL   |   | LL HEAD (6202) 22 22 3                         |  |  |
| PIT EXCAVATION: WIDTH N/Aft., LENGTH  |   | ATT A COST                                     |  |  |
| PIT REMEDIATION: CLOSE AS IS: ⊠, LANDFARM: □, C   |   | alain) Anne Cal                                |  |  |
|   | OM OST. LISTOCKI ILE. LI, OTHER LI (6)                  | plain) PER 2006                                |  |  |
| Cubic yards: NA SECEIVE STORES OF CONS. TOV. SE   |   |  |  |  |
|   |   |  |  |  |
| I heraby certify that the information above is true and complete to the hert of my knowledge and helief. I further certify that the above described without helps and belief.               |   |  |  |  |
| has been/will be constructed or closed according to NMOCD guidelines \(\sigma\), a general permit \(\sigma\), or an alternative OCD-approved plan \(\sigma\).                               |   |  |  |  |
| 06/10/05  |   |  |  |  |
| Date: 00/10/03  |   |  |  |  |
| PrintedName/Title Jeff Blagg - P.E. # 11607 Signature   |   |  |  |  |
| 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. |   |  |  |  |
|   | ^   |  |  |  |
| pproval:  | gnature leny tory                                       | FEB 2 1 2006                                   |  |  |
| Printed Name/Title GEPUTY CAL & GAS INSPECTOR, DIST. ASignature Date: PED 2 1 2996  |   |  |  |  |

| client: BP   | P.O. BOX  | 87, BLO                               |                          | •               | 13       |                          | ): <u>B154/</u> |
|--|---|---------------------------------------|--------------------------|-----------------|----------|--------------------------|-----------------|
|  | (   | 505) 632                              | 1-1199                   |                 | C        | OCR NO:                  | 13881           |
| FIELD REPORT   | : PIT CL  | OSURE                                 | VERIF                    | ICATIO          |          |                          | _/_ of/_        |
| LOCATION: NAME: UAN QUAD/UNIT: I SEC: 27   |   |                                       |                          |                 |          | TE STARTED:              | 6/8/05          |
| QTR/FOOTAGE:1650 5   | 1   | ,                                     |                          |                 |          | VIRONMENTAL<br>ECIALIST: | NV              |
| EXCAVATION APPROX  | <u>NA</u> FT. ×   | <u> //A</u> FT.                       | x NA FT                  | . DEEP. CL      | JBIC YA  | RDAGE:                   | NA              |
| DISPOSAL FACILITY:   | 0N-SITE   | · · · · · · · · · · · · · · · · · · · | REMEDIA                  | TION METHO      | OD:      | CLOSE                    | AS 15           |
| LAND USE: RANGE-   | Ben   | LEASE:                                | NM073:                   | 345             | FORM     | ATION: _                 | MV              |
| FIELD NOTES & REMAR  | KS: PIT LOCA  | ATED APPROX                           | IMATELY                  | 14 FT.          | N 860    | FROM                     | WELLHEAD.       |
| DEPTH TO GROUNDWATER: >13  |   |                                       | ,                        |                 | URFACE V | VATER: >                 | ,000            |
| NMOCD RANKING SCORE:   |   |                                       |                          |                 |          |                          |                 |
| SOIL AND EXCAVATION  | N DESCRIPT  | ION: EVEL                             | 6363                     | OVM CALIB.      |          |                          |                 |
|  | A CONTRACTOR OF |                                       |                          | TIME: 12:5      | _        |                          | / / =           |
| SOIL TYPE: SAND / SILTY SAN  | ND SILT / SILTY C   | LAY/CLAY/                             | GRAVEL / OTH             | ER              |          |                          |                 |
| COHESION (ALL OTHERS): NON C   | OHESIVE) SLIGHTLY   |                                       |                          | COHESIVE        |          |                          |                 |
| CONSISTENCY (NON COHESIVE SO   | DILS): LOOSE/FIRM   | DENSE / VERY                          | DENSE                    |                 |          |                          |                 |
| PLASTICITY (CLAYS): NON PLASTI<br>DENSITY (COHESIVE CLAYS & SILT                                       |   |                                       |                          | HIGHLY PLAST    | LIC      |                          |                 |
| MOISTURE: DRY / SLIGHTLY MOIS  |   |                                       |                          |                 |          | .(                       | CLOSED)         |
| DISCOLORATION/STAINING OBSER   | VED: YES NO EXP   | LANATION - 🙇                          | NTIRE TEST H             |                 | <u> </u> |                          |                 |
| HC ODOR DETECTED: (YES NO E SAMPLE TYPE: GRAED COMPOSIT  |   | T HOLE &                              | oum samp                 | <del>نج</del> . |          | por                      |                 |
| ADDITIONAL COMMENTS: 12576   | WIED OPERAT   | OR TO DIL                             | TE ABRATE                | IMPRITED        | 594      | L LEAVE 1                | N PLACE.        |
| <u>-</u>   |   |                                       |                          |                 |          |                          |                 |
|  |   | FIE                                   | LD 418.1 CALC            | ULATIONS        |          |                          |                 |
| SCALE SAMP. TII  | ME SAMP. ID   | LAB NO.                               | WEIGHT (g)               | mL FREON        | DILUTIO  | DNREADIN                 | G CALC. (ppm)   |
| 0 FT   |   |                                       |                          |                 |          |                          |                 |
|  |   |                                       |                          | <u> </u>        | DIT      | PROFI                    |                 |
| PIT PERIMET  | EK  | 0                                     | VM                       |                 | ГП       | PROFI                    |                 |
|  | prov.   |                                       | DING                     |                 |          |                          | ì               |
|  | ( MUK)  | SAMPLE<br>ID                          | FIELD HEADSPACE<br>(ppm) |                 |          |                          |                 |
| 10'  | $\mathcal{L}$   | 1@45                                  | 732                      |                 |          |                          |                 |
| 1  | prop.   | 2 @<br>3 @                            |                          | _               |          |                          |                 |
| 71   | TAUL NEW  | 4 @                                   |                          |                 |          |                          |                 |
|  | HEAD  | 5 @                                   |                          | -               | 104      | 000                      |                 |
| 16 / 20  |   |                                       |                          |                 | /001     | APPLIC                   | ABLE            |
| 1141   | )   |                                       |                          |                 |          |                          |                 |
| 8527   |   |                                       |                          |                 |          |                          |                 |
| P.D.  T.H. ~ 8' R.P.D.  LAB SAMPLE  SAMPLE   ANALYSIS   T.M.E.   |   |                                       |                          |                 |          |                          |                 |
| SAMPLE ANALYSIS TIME  B.G.  DC4.5 TPH(80158) 1028  |   |                                       |                          |                 |          |                          |                 |
| " BYEX (BOZIE) "   |   |                                       |                          |                 |          |                          |                 |
|  |   | Pi                                    | PSSED)                   | _               |          |                          |                 |
| P.D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW T.H. = TEST HOLE; ~ = APPROX.; T.B. = TANK BOTTOM |   |                                       |                          |                 |          |                          |                 |
| TRAVEL NOTES: CALLOUT: 6/6/05-morn, ONSITE: 6/8/05-morn, (SCHED.)                                      |   |                                       |                          |                 |          |                          |                 |



## EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

| Client:              | Blagg / BP      | Project #:          | 94034-010 |
|----------------------|-----------------|---------------------|-----------|
| Sample ID:           | 1 @ 9.5'        | Date Reported:      | 06-10-05  |
| Laboratory Number:   | 33250           | Date Sampled:       | 06-08-05  |
| Chain of Custody No: | 13881           | Date Received:      | 06-09-05  |
| Sample Matrix:       | Soil            | Date Extracted:     | 06-09-05  |
| Preservative:        | Cool            | Date Analyzed:      | 06-10-05  |
| Condition:           | Cool and Intact | Analysis Requested: | 8015 TPH  |

| Parameter                    | Concentration<br>(mg/Kg) | Det.<br>Limit<br>(mg/Kg) |
|------------------------------|--------------------------|--------------------------|
| Gasoline Range (C5 - C10)    | 5.7                      | 0.2                      |
| Diesel Range (C10 - C28)     | 79.7                     | 0.1                      |
| Total Petroleum Hydrocarbons | 85.4                     | 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:

Van Hook LS #1A Production Tank Pit Grab Sample.

Analyst . Open

May Bosharatt
Review



## EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

| Client:            | Blagg / BP    | Project #:          | 94034-010 |
|--------------------|---------------|---------------------|-----------|
| Sample ID:         | 1 @ 9.5'      | Date Reported:      | 06-10-05  |
| Laboratory Number: | 33250         | Date Sampled:       | 06-08-05  |
| Chain of Custody:  | 13881         | Date Received:      | 06-09-05  |
| Sample Matrix:     | Soil          | Date Analyzed:      | 06-10-05  |
| Preservative:      | Cool          | Date Extracted:     | 06-09-05  |
| Condition:         | Cool & Intact | Analysis Requested: | BTEX      |

|              | Concentration | Det.<br>Limit |  |
|--------------|---------------|---------------|--|
| Parameter    | (ug/Kg)       | (ug/Kg)       |  |
| Benzene      | 2.3           | 2.1           |  |
| Toluene      | 29.5          | 1.8           |  |
| Ethylbenzene | 104           | 1.7           |  |
| p,m-Xylene   | 251           | 1.5           |  |
| o-Xylene     | 100           | 2.2           |  |
| Total BTEX   | 487           |               |  |

ND - Parameter not detected at the stated detection limit.

| Surrogate Recoveries: | Parameter           | Percent Recovery |
|-----------------------|---------------------|------------------|
|                       | Fluorobenzene       | 99.0 %           |
|                       | 1,4-difluorobenzene | 99.0 %           |
|                       | Bromochlorobenzene  | 99.0 %           |

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:

Van Hook LS #1A Production Tank Pit Grab Sample.

Analyst C. Cyl

May Loshardt
Review