



MAR 27 2008  
OCD-ARTESIA

4311 Monica Lane, Carlsbad, NM 88220

Phone 505-236-6012

Fax 505-236-6063

Cell 505- 361-3217

Email [bandr@pvtnetworks.net](mailto:bandr@pvtnetworks.net)

March 7, 2008

Devon Energy Corporation  
2401 Pecos Avenue  
Artesia, New Mexico 88211

Re: Devon Energy Production Co  
Brainard 11G #3 - Final Drill Pit Closure

**Brainard 11G #3**  
API: 30-015-35744  
Sec 11-T18S-R26E

Depth to Ground Water: 50'-100'  
Planned Analytical Testing: Chlorides  
Site Ranking Score: 10  
Primary Land Use: Farming and Oil & Gas Production

Pursuant to Pit Rule 50 in the Pit and Below Grade Tank Guidelines of the New Mexico Oil Conservation District of the State of New Mexico regulatory requirement for pit closure, please accept the following documentation for final closure of the drilling pit for the aforementioned location.

All drill cuttings were stiffened and transported to Controlled Recovery, Inc. of Hobbs, New Mexico. Upon transferring all pit contents to C.R.I., field tests were performed on the soil within in the confines of the original drill pit. The field results of chloride delineation of the impacted material are as follows (a diagram has also been attached)

Front Pit 6' <50.0mg/kg  
NE Corner 9' <50.0mg/kg  
SE Corner 14' <50.0mg/kg

NW Corner 9' <50.0mg/kg  
Center 9' <50.0mg/kg

SW Corner 19' 70.5mg/kg

The pit area was backfilled with clean native material and contoured to prevent erosion and ponding of rainwater.

Soil samples were collected, prepared, and packaged per EPA guidelines and forwarded to Trace Analysis in Lubbock, Texas for official analytical testing. Please find the official analytical results attached hereto.

Please review the attached documentation and contact me at 575-361-2132 with any questions or concerns.

Sincerely,

Rayland VanNatta  
B&R Trucking

Accepted for record  
NMOCD

APR 01 2008

Signed By

Devon Energy Co.  
Brainerd, MS Prod Com #03  
Sampling/Location diagram





6701 Aherdeen Avenue, Suite 9 Lubbock, Texas 79424 800•378•1296 806•794•1296 FAX 806•794•1296  
200 East Sunset Road, Suite E El Paso, Texas 79922 888•588•3443 915•585•3443 FAX 915•585•4944  
5002 Basin Street, Suite A1 Midland, Texas 79703 432•689•6301 FAX 432•689•6313  
6015 Harris Parkway, Suite 110 Ft Worth, Texas 76132 817•201•5260  
E-Mail lab@traceanalysis.com

## Analytical and Quality Control Report

Trey Hughes  
B & R Trucking  
4311 Monica Lane  
Carlsbad, NM, 88220

Report Date: January 25, 2008

Work Order: 8011423



Project Location: Sec 11-T18S-R26E, NM  
Project Name: DevonBrainard11G Fed Com #03  
Project Number: API 30-015-35744

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

| Sample | Description          | Matrix | Date Taken | Time Taken | Date Received |
|--------|----------------------|--------|------------|------------|---------------|
| 147852 | Background 3'        | soil   | 2008-01-07 | 15:40      | 2008-01-12    |
| 147853 | Southeast Corner 14' | soil   | 2008-01-07 | 15:20      | 2008-01-12    |
| 147854 | Southwest Corner 19' | soil   | 2008-01-07 | 15:30      | 2008-01-12    |
| 147855 | Northwest Corner 9'  | soil   | 2008-01-07 | 15:40      | 2008-01-12    |
| 147856 | Northeast Corner 9'  | soil   | 2008-01-07 | 16:00      | 2008-01-12    |
| 147857 | Center 9'            | soil   | 2008-01-07 | 16:15      | 2008-01-12    |
| 147858 | Front Pit 6'         | soil   | 2008-01-07 | 16:30      | 2008-01-12    |

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 4 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

Dr. Blair Leftwich, Director

### Standard Flags

**B** - The sample contains less than ten times the concentration found in the method blank.

## Analytical Report

### Sample: 147852 - Background 3'

|             |                      |                     |              |              |     |
|-------------|----------------------|---------------------|--------------|--------------|-----|
| Analysis:   | Chloride (Titration) | Analytical Method:  | SM 4500-Cl B | Prep Method: | N/A |
| QC Batch:   | 45011                | Date Analyzed:      | 2008-01-25   | Analyzed By: | ER  |
| Prep Batch: | 38764                | Sample Preparation: | 2008-01-25   | Prepared By: | ER  |

| Parameter | Flag | RL<br>Result | Units | Dilution | RL   |
|-----------|------|--------------|-------|----------|------|
| Chloride  |      | <50.0        | mg/Kg | 10       | 5.00 |

### Sample: 147853 - Southeast Corner 14'

|             |                      |                     |              |              |     |
|-------------|----------------------|---------------------|--------------|--------------|-----|
| Analysis:   | Chloride (Titration) | Analytical Method:  | SM 4500-Cl B | Prep Method: | N/A |
| QC Batch:   | 45011                | Date Analyzed:      | 2008-01-25   | Analyzed By: | ER  |
| Prep Batch: | 38764                | Sample Preparation: | 2008-01-25   | Prepared By: | ER  |

| Parameter | Flag | RL<br>Result | Units | Dilution | RL   |
|-----------|------|--------------|-------|----------|------|
| Chloride  |      | <50.0        | mg/Kg | 10       | 5.00 |

### Sample: 147854 - Southwest Corner 19'

|             |                      |                     |              |              |     |
|-------------|----------------------|---------------------|--------------|--------------|-----|
| Analysis:   | Chloride (Titration) | Analytical Method:  | SM 4500-Cl B | Prep Method: | N/A |
| QC Batch:   | 45011                | Date Analyzed:      | 2008-01-25   | Analyzed By: | ER  |
| Prep Batch: | 38764                | Sample Preparation: | 2008-01-25   | Prepared By: | ER  |

| Parameter | Flag | RL<br>Result | Units | Dilution | RL   |
|-----------|------|--------------|-------|----------|------|
| Chloride  |      | 70.5         | mg/Kg | 10       | 5.00 |

### Sample: 147855 - Northwest Corner 9'

|             |                      |                     |              |              |     |
|-------------|----------------------|---------------------|--------------|--------------|-----|
| Analysis:   | Chloride (Titration) | Analytical Method:  | SM 4500-Cl B | Prep Method: | N/A |
| QC Batch:   | 45011                | Date Analyzed:      | 2008-01-25   | Analyzed By: | ER  |
| Prep Batch: | 38764                | Sample Preparation: | 2008-01-25   | Prepared By: | ER  |

| Parameter | Flag | RL<br>Result | Units | Dilution | RL   |
|-----------|------|--------------|-------|----------|------|
| Chloride  |      | <50.0        | mg/Kg | 10       | 5.00 |

### Sample: 147856 - Northeast Corner 9'

|             |                      |                     |              |              |     |
|-------------|----------------------|---------------------|--------------|--------------|-----|
| Analysis:   | Chloride (Titration) | Analytical Method:  | SM 4500-Cl B | Prep Method: | N/A |
| QC Batch:   | 45011                | Date Analyzed:      | 2008-01-25   | Analyzed By: | ER  |
| Prep Batch: | 38764                | Sample Preparation: | 2008-01-25   | Prepared By: | ER  |

| Parameter | Flag | RL<br>Result | Units | Dilution | RL   |
|-----------|------|--------------|-------|----------|------|
| Chloride  |      | <50.0        | mg/Kg | 10       | 5.00 |

**Sample: 147857 - Center 9'**

Analysis: Chloride (Titration)      Analytical Method: SM 4500-Cl B      Prep Method: N/A  
QC Batch: 45011      Date Analyzed: 2008-01-25      Analyzed By: ER  
Prep Batch: 38764      Sample Preparation: 2008-01-25      Prepared By: ER

| Parameter | Flag | RL<br>Result | Units | Dilution | RL   |
|-----------|------|--------------|-------|----------|------|
| Chloride  |      | <50.0        | mg/Kg | 10       | 5.00 |

**Sample: 147858 - Front Pit 6'**

Analysis: Chloride (Titration)      Analytical Method: SM 4500-Cl B      Prep Method: N/A  
QC Batch: 45011      Date Analyzed: 2008-01-25      Analyzed By: ER  
Prep Batch: 38764      Sample Preparation: 2008-01-25      Prepared By: ER

| Parameter | Flag | RL<br>Result | Units | Dilution | RL   |
|-----------|------|--------------|-------|----------|------|
| Chloride  |      | <50.0        | mg/Kg | 10       | 5.00 |

**Method Blank (1)      QC Batch: 45011**

QC Batch: 45011      Date Analyzed: 2008-01-25      Analyzed By: ER  
Prep Batch: 38764      QC Preparation: 2008-01-24      Prepared By: ER

| Parameter | Flag | MDL<br>Result | Units | RL |
|-----------|------|---------------|-------|----|
| Chloride  |      | <3.25         | mg/Kg | 5  |

**Laboratory Control Spike (LCS-1)**

QC Batch: 45011      Date Analyzed: 2008-01-25      Analyzed By: ER  
Prep Batch: 38764      QC Preparation: 2008-01-24      Prepared By: ER

| Param    | LCS<br>Result | Units | Dil. | Spike<br>Amount | Matrix<br>Result | Rec. | Rec.<br>Limit |
|----------|---------------|-------|------|-----------------|------------------|------|---------------|
| Chloride | 100           | mg/Kg | 1    | 100             | <3.25            | 100  | 96.1 - 103    |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param    | LCSD<br>Result | Units | Dil. | Spike<br>Amount | Matrix<br>Result | Rec. | Rec.<br>Limit | RPD | RPD<br>Limit |
|----------|----------------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| Chloride | 100            | mg/Kg | 1    | 100             | <3.25            | 100  | 96.1 - 103    | 0   | 20           |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

**Matrix Spike (MS-1)** Spiked Sample: 147858

QC Batch: 45011  
Prep Batch: 38764

Date Analyzed: 2008-01-25  
QC Preparation: 2008-01-24

Analyzed By: ER  
Prepared By: ER

| Param    | MS<br>Result     | Units | Dil. | Spike<br>Amount | Matrix<br>Result | Rec. | Rec.<br>Limit |
|----------|------------------|-------|------|-----------------|------------------|------|---------------|
| Chloride | <sup>1</sup> 392 | mg/Kg | 10   | 500             | <32.5            | 77   | 80 - 120      |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param    | MSD<br>Result | Units | Dil. | Spike<br>Amount | Matrix<br>Result | Rec. | Rec.<br>Limit | RPD | RPD<br>Limit |
|----------|---------------|-------|------|-----------------|------------------|------|---------------|-----|--------------|
| Chloride | 434           | mg/Kg | 10   | 500             | <32.5            | 85   | 80 - 120      | 10  | 20           |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

**Standard (ICV-1)**

QC Batch: 45011

Date Analyzed: 2008-01-25

Analyzed By: ER

| Param    | Flag | Units | ICVs<br>True<br>Conc. | ICVs<br>Found<br>Conc. | ICVs<br>Percent<br>Recovery | Percent<br>Recovery<br>Limits | Date<br>Analyzed |
|----------|------|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride |      | mg/Kg | 100                   | 100                    | 100                         | 85 - 115                      | 2008-01-25       |

**Standard (CCV-1)**

QC Batch: 45011

Date Analyzed: 2008-01-25

Analyzed By: ER

| Param    | Flag | Units | CCVs<br>True<br>Conc. | CCVs<br>Found<br>Conc. | CCVs<br>Percent<br>Recovery | Percent<br>Recovery<br>Limits | Date<br>Analyzed |
|----------|------|-------|-----------------------|------------------------|-----------------------------|-------------------------------|------------------|
| Chloride |      | mg/Kg | 100                   | 99.9                   | 100                         | 85 - 115                      | 2008-01-25       |

<sup>1</sup>Matrix spike recovery out of control limits due to matrix interference. Use LCS/LCSD to demonstrate analysis is under control.

8011423

# TraceAnalysis, Inc.

email: lab@traceanalysis.com

6701 Aberdeen Avenue, Suite 9  
Lubbock, Texas 79424  
Tel (806) 794-1296  
Fax (806) 794-1298  
1 (800) 378-1296

5002 Basin Street, Suite A1  
Midland, Texas 79703  
Tel (432) 689-6301  
Fax (432) 689-6313

200 East Sunset Rd., Suite E  
El Paso, Texas 79922  
Tel (915) 585-3443  
Fax (915) 585-4944  
1 (888) 588-3443

8808 Camp Bowie Blvd. West, Suite 180  
Ft. Worth, Texas 76116  
Tel (817) 201-5260  
Fax (817) 560-4336

|                                                   |  |                                                                                   |  |                            |  |
|---------------------------------------------------|--|-----------------------------------------------------------------------------------|--|----------------------------|--|
| Company Name: <b>BIO-ROCKING</b>                  |  | Phone #: <b>575-361-3217</b>                                                      |  | Fax #: <b>575-236-6012</b> |  |
| Address: <b>4311 MONTECALN CARLSBAD NM 88220</b>  |  | E-mail: <b>b-and-r@wildblue.net</b>                                               |  |                            |  |
| Contact Person: <b>TRACY HUGHES - BIO-ROCKING</b> |  | Project Name: <b>DEVIL BRANARD 116 FEP CUM #63</b>                                |  |                            |  |
| Invoice to: <b>(If different from above)</b>      |  | Sampler Signature: <i>Kevin V. V. V.</i>                                          |  |                            |  |
| Project #: <b>DEVIL BRANARD 116 FEP CUM #63</b>   |  | Project Location (including state): <b>N.M. AP# 30-015-35744 Sec-B-T-185-0206</b> |  |                            |  |

| LAB #<br>(LAB USE ONLY) | FIELD CODE       | # CONTAINERS | Volume / Amount | MATRIX |      |     | PRESERVATIVE METHOD |     |                  |                                |      |     | SAMPLING |      | TIME   | DATE   | Temp °C | REMARKS: |
|-------------------------|------------------|--------------|-----------------|--------|------|-----|---------------------|-----|------------------|--------------------------------|------|-----|----------|------|--------|--------|---------|----------|
|                         |                  |              |                 | WATER  | SOIL | AIR | SLUDGE              | HCl | HNO <sub>3</sub> | H <sub>2</sub> SO <sub>4</sub> | NaOH | ICE | NONE     | DATE |        |        |         |          |
| 14782                   | BACKGROUND       | 1            | 3'              | X      |      |     |                     |     |                  |                                |      |     |          |      | 1-7-08 | 3:46 p |         |          |
| 853                     | SOUTHEAST CORNER | 1            | 14'             | X      |      |     |                     |     |                  |                                |      |     |          |      | 1-7-08 | 3:40 p |         |          |
| 854                     | SOUTHWEST CORNER | 1            | 19'             | X      |      |     |                     |     |                  |                                |      |     |          |      | 1-7-08 | 3:30 p |         |          |
| 855                     | NORTHWEST CORNER | 1            | 9'              | X      |      |     |                     |     |                  |                                |      |     |          |      | 1-7-08 | 3:40 p |         |          |
| 856                     | NORTHEAST CORNER | 1            | 9'              | X      |      |     |                     |     |                  |                                |      |     |          |      | 1-7-08 | 4:00 p |         |          |
| 857                     | CENTER           | 1            | 9'              | X      |      |     |                     |     |                  |                                |      |     |          |      | 1-7-08 | 4:15 p |         |          |
| 858                     | FRONT PST        | 1            | 6'              | X      |      |     |                     |     |                  |                                |      |     |          |      | 1-7-08 | 4:30   |         |          |

| LAB USE ONLY     | RECEIVED BY:     | COMPANY:         | DATE:            | TIME:            | TEMP °C:         |
|------------------|------------------|------------------|------------------|------------------|------------------|
| RELINQUISHED BY: | RELINQUISHED BY: | RELINQUISHED BY: | RELINQUISHED BY: | RELINQUISHED BY: | RELINQUISHED BY: |
| RELINQUISHED BY: | RELINQUISHED BY: | RELINQUISHED BY: | RELINQUISHED BY: | RELINQUISHED BY: | RELINQUISHED BY: |

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C. O. C.

ORIGINAL COPY

Carrier # **WALK-IN**

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

S

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 ☒

DEC 11 2007

|                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                  |                                             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|
| Operator <u>Devon Energy Production Company, L.P.</u> Telephone <u>505-748-0173</u> e-mail address <u>vivian.rodriguez@devon.com</u>                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                  |                                             |
| Address <u>P.O. Box 250, Artesia, NM 88210</u>                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                  |                                             |
| Facility or well name <u>Brainard 11G #3</u> API # <u>30-015-35744</u> U/L or Qtr/Qtr <u>G</u> Sec <u>11</u> T <u>18S</u> R <u>26E</u>                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                  |                                             |
| County <u>Eddy</u> Latitude _____ Longitude _____ NAD 1927 <input type="checkbox"/> 1983 <input 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 checked="" type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/><br>Workover <input type="checkbox"/> Emergency <input type="checkbox"/><br>Lined <input checked="" type="checkbox"/> Unlined <input type="checkbox"/><br>Liner type Synthetic <input checked="" type="checkbox"/> Thickness <u>12</u> mil Clay <input type="checkbox"/><br>Pit Volume <u>8,900</u> bbl | <b>Below-grade tank</b><br>Volume _____ bbl Type of fluid _____<br>Construction material _____<br>Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not _____ | <b>OCD</b>                                  |
| 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) XX<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) XX                |
| 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) XX |
| Ranking Score (Total Points)                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                  | 10                                          |

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 CRI (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                                                                                                                                                                                                                                                                                                                                                                                                     |
| Devon Energy Production Company L.P. plans to close the drilling pit at the Brainard 11 G #3 as per NM Oil Conservation Division Rule 50 in the Pit and Below Grade Tank Guidelines. Devon plans to haul and dispose pit contents and liner to an OCD approved disposal site, then close and contour the pit area to prevent erosion and ponding of rainwater. We will notify the OCD 48 hours prior to beginning work. |

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 10/29/07

Printed Name/Title Vivian Rodriguez/Field Tech

Signature

*Vivian Rodriguez*

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.

NOTIFY OCD 24 HOURS PRIOR to beginning closure and 24 HOURS PRIOR to obtaining samples. Samples are to be obtained from pit area and analyses submitted to OCD prior to back-filling.

Signature

Signed By

*Mike Brannan*

Date

DEC 18 2007