1080 Incl. 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
District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources

Oil Conservation Division 2 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

Form C-144

June 1, 2004

Pit or Below-Grade Tank Registration or Closure

| | r below-grade tank [Closure of a pit or below-grade | | | | |
|---|--|---|--|--|--|
| | | | | | |
| Operator:Williams Production Co., LLCTelephone:970-563-3319e-mail.address:myke.lane@williams.com Address:999 Goddard Ave, Ignacio, CO 81137 | | | | | |
| Address:999 Goddard Ave, Ignacio, CO 81137 | | | | | |
| Facility or well name:Rosa 140API #:30-039-25435U/L or Qtr/QtrK Sec22 T31N R06W County:Rio Arriba Latitude36.88272 Longitude107.45302 NAD: 1927 1983 \[\begin{array}{ c c c c c c c c c c c c c c c c c c c | | | | | |
| Surface Owner: Federal State Private Indian | Longitude107.453 | 02_ NAD: 1927 ☐ 1983 ⊠ | | | |
| Pit | Below-grade tank | P. Doddin | | | |
| Type: Drilling ☐ Production ☒ Disposal ☐ | Volume: 120 bbl Type of fluid: Produced W | latar | | | |
| Workover Emergency | Construction material:Fiberglass with Plastic | | | | |
| Lined Unlined | Double-walled, with leak detection? Yes 🖾 If not | | | | |
| Liner type: Synthetic Thickness mil Clay | Double-walled, with leak detection? Tes 🖂 IT not | , explain why hot. | | | |
| Pit Volumebbl | | | | | |
| Tit Volume | 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) | | | |
| high water elevation of ground water.) | ✓ 100 feet or more | | | | |
| | 100 feet of more | ✓ (0 points) | | | |
| Wellhead protection area: (Less than 200 feet from a private domestic Yes (20 points) | | | | | |
| water source, or less than 1000 feet from all other water sources.) | | | | | |
| Less than 200 feet (20 points) | | | | | |
| Distance to surface water: (horizontal distance to all wetlands, playas, 200 ft or more, but less than 1000 feet | | | | | |
| irrigation canals, ditches, and perennial and ephemeral watercourses.) 1000 feet or more (0 points) | | | | | |
| Ranking Score (Total Points) 10 | | | | | |
| | | | | | |
| If this is a pit closure: (1) Attach a diagram of the facility showing the pit's | | - | | | |
| your are burying in place) onsite 🛛 offsite 🔲 If offsite, name of facility | . (3) Attach a general de | escription of remedial action taken including | | | |
| remediation start date and end date. (4) Groundwater encountered: No \boxtimes Y | es 🔲 If yes, show depth below ground surface | ft. and attach sample results. | | | |
| (5) Attach soil sample results and a diagram of sample locations and excavate | ions. | | | | |
| Additional Comments: | | | | | |
| BGT failed. No release discovered when replacing tank. As BG | T to be taken out of service, collected soil sa | mples of excavation bottom before | | | |
| backfilling. No soil remediation required. | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| I hereby certify that the information above is true and complete to the best of has been/will be constructed or closed according to NMOCD guidelines | | | | | |
| Date: 5/2/05 | | | | | |
| Printed Name/TitleMichael K. Lane/EH&S Specialist Si | gnature | | | | |
| Your certification and NMOCD approval of this application/closure does not otherwise endanger public health or the environment. Nor does it relieve the regulations. | ot relieve the operator of liability should the contents of the operator of its responsibility for compliance with an | of the pit or tank contaminate ground water or ny other federal, state, or local laws and/or | | | |
| Approval: CEPUTY OIL & GAS INSPECTOR, DIST. (39) Printed Name/Title | Signature Deny o | MAY - 3 2005 Date: | | | |

| 1 | | | | |
|-------------------------|-------------------------------|----------------|------------------------|---|
| | Rosa (40 | | Site Diagram: | |
| Footages: | | | | |
| Unit Letter: | | Sec. Twn. Rng | 7, | |
| Lat: | | | | |
| Lease Num. | | Land Type: | | |
| Pit Type: | BGT - FEE | Freedmass | | |
| Pit Reference | Associated | | | |
| Reference: | Wellhead | Footage: SOA |) | |
| Direction: | © ю и | 8 | | |
| Initial size: | 120 051 | | | |
| Final Size: | | | | |
| Total Cubic Yards: | Yards: | | | |
| Distanes from (ft): | m (ft): | points | France Bat | |
| Groundwater: | | | 7 | |
| Wellhead Pro | Wellhead Protection Area: | | Properties | |
| Nearest Surface Water: | ace Water: | | Ext. | |
| Distance to e | Distance to ephemeral stream: | | SOUND PRODUES | |
| (Navajo/Jicarilla only) | illa only) | | きとう | |
| Ranking | Ranking Score (points): | | | |
| COLECTES! | 3/23/06 | | | |
| Sample ID | Description | Field Reading | Conputessor | |
| 1 | SICTY CLAY | 4/2 | | |
| 2 | н | н | | |
| 3 | N | 11 | | |
| 4 | 14 | 11 | NATE: O SANATE CARNOLS | |
| 5 | n | ij | | |
| 9 | | | | |
| 7 | | | | |
| œ | | | | |
| Comments: | FLE POLT | CONPOSITE FROM | ω S | 8 |
| | | | ω΄ | |
| Tests: | 四次/元平 | |) SZ | |
| | | | • | |

612 E. Murray Drive Farmington, NM 87499

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P.O. Box 3788 Shiprock, NM 87420

Off: (505) 368-4065

Off: (505) 327-1072 FAX: (505) 327-1496

ANALYTICAL REPORT

CLIENT:

Williams - Exploration & Production

Work Order:

0503049

Project:

Rosa 140

Lab ID:

0503049-001A

Client Sample Info: Rosa 140

Client Sample ID: Rosa 140 #1

Collection Date: 3/29/2005 9:30:00 AM

Date: 08-Apr-05

Matrix: SOIL

| Parameter | Result | PQL Qual | Units | DF | Date Analyzed |
|-------------------------------|--------|----------|-------|----|---------------------|
| DIESEL AND OIL RANGE ORGANICS | | SW8015B | | | Analyst: JEM |
| T/R Hydrocarbons: C10-C22 | ND | 25.0 | mg/Kg | 1 | 4/7/2005 |
| T/R Hydrocarbons: C22-C36 | ND | 50.0 | mg/Kg | 1 | 4/7/2005 |
| Surr: o-Terphenyl | 91.5 | 23-171 | %REC | 1 | 4/7/2005 |
| AROMATIC VOLATILES BY GC/PID | | SW8021B | | | Analyst: JEM |
| Benzene | ND | 25.0 | µg/Kg | 25 | 4/2/2005 |
| Ethylbenzene | ND | 25.0 | µg/Kg | 25 | 4/2/2005 |
| m,p-Xylene | ND | 50.0 | μg/Kg | 25 | 4/2/2005 |
| o-Xylene | ND | 25.0 | μg/Kg | 25 | 4/2/2005 |
| Toluene | ND | 50.0 | μg/Kg | 25 | 4/2/2005 |
| Surr: 1,4-Difluorobenzene | 100 | 75-110 | %REC | 25 | 4/2/2005 |
| Surr: 4-Bromochlorobenzene | 90.5 | 40-135 | %REC | 25 | 4/2/2005 |
| Surr: Fluorobenzene | 98.7 | 69-110 | %REC | 25 | 4/2/2005 |

Qualifiers:

ND - Not Detected at the Practical Quantitation Limit

J - Analyte detected below Practical Quantitation Limit

B - Analyte detected in the associated Method Blank

H - Parameter exceeded Maximum Allowable Holding Time

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted precision limits

E - Value above Upper Quantitation Limit - UQL

Page 1 of 2

612 E. Murray Drive Farmington, NM 87499

iiná bá

P.O. Box 3788 Shiprock, NM 87420

Off: (505) 327-1072

ANALYTYCAL REPORT

Date: 08-Apr-05

Off: (505) 368-4065

CLIENT:

Williams - Exploration & Production

Work Order:

0503049

Project:

Rosa 140

Lab ID:

0503049-002A

Client Sample Info: Rosa 140

Client Sample ID: Rosa 140 #2

Collection Date: 3/29/2005 9:35:00 AM

Matrix: SOIL

| Parameter | Result | PQL Qual | Units | DF | Date Analyzed |
|-------------------------------|--------|----------|--------|----|---------------|
| DIESEL AND OIL RANGE ORGANICS | | SW8015B | ****** | | Analyst: JEM |
| T/R Hydrocarbons: C10-C22 | ND | 25.0 | mg/Kg | 1 | 4/7/2005 |
| T/R Hydrocarbons: C22-C36 | ND | 50.0 | mg/Kg | 1 | 4/7/2005 |
| Surr: o-Terphenyl | 88.9 | 23-171 | %REC | 1 | 4/7/2005 |
| AROMATIC VOLATILES BY GC/PID | | SW8021B | | | Analyst: JEM |
| Benzene | ND | 25.0 | μg/Kg | 25 | 4/2/2005 |
| Ethylbenzene | ND | 25.0 | μg/Kg | 25 | 4/2/2005 |
| m,p-Xylene | ND | 50.0 | μg/Kg | 25 | 4/2/2005 |
| o-Xylene | ND | 25.0 | µg/Kg | 25 | 4/2/2005 |
| Toluene | ND | 50.0 | μg/Kg | 25 | 4/2/2005 |
| Surr: 1,4-Difluorobenzene | 99.8 | 75-110 | %REC | 25 | 4/2/2005 |
| Surr: 4-Bromochlorobenzene | 81.5 | 40-135 | %REC | 25 | 4/2/2005 |
| Surr: Fluorobenzene | 97.9 | 69-110 | %REC | 25 | 4/2/2005 |

Qualifiers:

ND - Not Detected at the Practical Quantitation Limit

J - Analyte detected below Practical Quantitation Limit

B - Analyte detected in the associated Method Blank

H - Parameter exceeded Maximum Allowable Holding Time

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted precision limits

E - Value above Upper Quantitation Limit - UQL

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