

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

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

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes ☒ No ☐

(WFS CLOSURE)

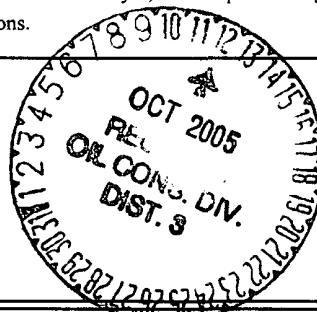
Type of action: Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank ☒

| | | | | |
|---|--|---|-----------------------------|---|
| Operator: <u>CONOCOPHILLIPS COMPANY</u> | | Telephone: | e-mail address: | |
| Address: <u>PO BOX 2197 HOUSTON, TX 77252</u> | | | | |
| Facility or well name: <u>SAN JUAN 29 6 UNIT #054A</u> | | API #: <u>30-039-21416</u> | U/L or Qtr/Qtr | E SEC 4 T 29N R 6W |
| County: <u>RIO ARRIBA</u> | | Latitude <u>36.75785</u> | Longitude <u>-107.47453</u> | NAD: 1927 <input checked="" 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"/> | | | | |
| Pit Type: Drilling <input type="checkbox"/> Production <input checked="" type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input type="checkbox"/> Unlined <input checked="" type="checkbox"/> Liner Type: Synthetic <input checked="" type="checkbox"/> Thickness mil Clay <input type="checkbox"/> Pit Volume 176 bbl | | Below-grade tank Volume: bbl Type of fluid: Construction Material: Double-walled, with leak detection? Yes <input checked="" 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 50 feet or more, but less than 100 feet 100 feet or more | | (20 points) (10 points) <u>0</u> (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 No | | (20 points) (0 points) <u>0</u> |
| Distance to surface water: (Horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.) | | Less than 200 feet 200 feet to 1,000 feet Greater than 1,000 feet | | (20 points) (10 points) <u>0</u> (0 points) |
| | | Ranking Score (TOTAL POINTS): | | <u>0</u> |

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:

Bedrock



Meter: 85034

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: 9/18/05

Printed Name/Title Mark Harvey for Williams Field Services

Signature Mark Harvey

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. 3

Signature Jerry Ferry

Date: OCT 12 2005

ADDENDUM TO OCD FORM C-144

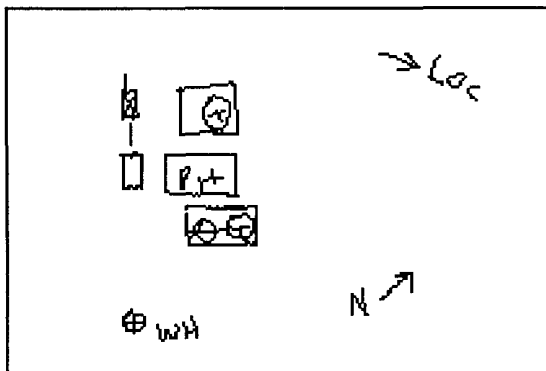
Operator: CONOCOPHILLIPS COMPANY

API 30-039-21416

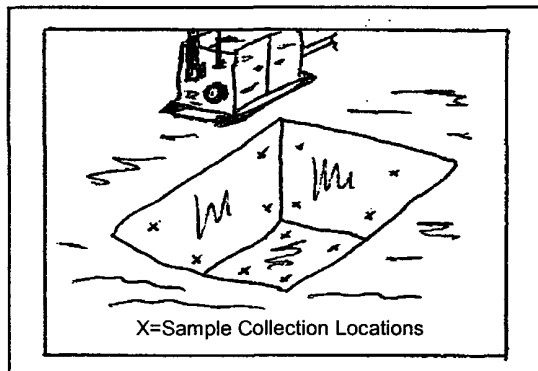
Well Name: SAN JUAN 29 6 UNIT #054A

Meter: 85034

Facility Diagram:



Sampling Diagram:



Pit Dimensions

Length 33 Ft.

Width 15 Ft.

Depth 2 Ft.

Location of Pit Center

Latitude 36.75802

Longitude -107.47466

(NAD 1927)

Pit ID

850341

Pit Type

Unknown

Date Closure Started: 8/9/04

Date Closure Completed: 8/9/04

Closure Method: Excavated, Blended, Treated Soil Returned

Bedrock Encountered ? ☒

Cubic Yards Excavated: 165

Vertical Extent of Equipment Reached ? ☐

Description Of Closure Action:

Contaminated soil was removed and treated then returned to the excavation following sampling of the walls and floor.

BEDROCK limited vertical excavation and/or prevented sampling. This condition limits deleterious environmental effects.

Pit Closure Sampling:

| Sample ID | Sample Date | Head Space | BTEX Total (mg/kg) | Benzene (mg/kg) | TPH DRO (mg/kg) | Purpose | Location | Depth | |
|-------------|-------------|------------|--------------------|-----------------|-----------------|------------|----------|-------|-------------------|
| 104409AUG04 | 8/9/04 | | 0.71 | 0 | 0 | EX Confirm | Walls | 8 | |
| 104609AUG04 | 8/9/04 | | 172.2 | 2.2 | 590 | EX Confirm | Flr | 9 | See Risk Analysis |
| 165515JUN04 | 6/15/04 | | 53.63 | 0.33 | 150 | ASSESS | Flr | 3 | |

Lab Project Number: 6083735

Client Project ID: NM PITS

Lab Sample No: 607218013

Project Sample Number: 6083735-021

Date Collected: 06/15/04 16:55

Client Sample ID: 165515JUN04

Matrix: Soil

Date Received: 06/18/04 10:25

| Parameters | Results | Units | Report Limit | DF | Analyzed | By | CAS No. | Qual | RegLmt |
|--------------------------------|------------------------|-------|--------------|-----|----------------|------|------------|------|--------|
| GC Semivolatiles | | | | | | | | | |
| Total Extractable Hydrocarbons | Prep/Method: OA2 / OA2 | | | | | | | | |
| Mineral Spirits | ND | mg/kg | 11. | 1.1 | 06/30/04 00:36 | DCKI | | | |
| Jet Fuel | ND | mg/kg | 11. | 1.1 | 06/30/04 00:36 | DCKI | | | |
| Kerosene | ND | mg/kg | 11. | 1.1 | 06/30/04 00:36 | DCKI | | | |
| Diesel Fuel | ND | mg/kg | 11. | 1.1 | 06/30/04 00:36 | DCKI | 68334-30-5 | | |
| Fuel Oil | ND | mg/kg | 11. | 1.1 | 06/30/04 00:36 | DCKI | 68334-30-5 | | |
| Motor Oil | ND | mg/kg | 11. | 1.1 | 06/30/04 00:36 | DCKI | | | |
| Total Petroleum Hydrocarbons | 150 | mg/kg | 11. | 1.1 | 06/30/04 00:36 | DCKI | | 8 | |
| n-Tetracosane (S) | 96 | % | | 1.0 | 06/30/04 00:36 | DCKI | 646-31-1 | | |
| p-Terphenyl (S) | 104 | % | | 1.0 | 06/30/04 00:36 | DCKI | 92-94-4 | | |
| Date Extracted | 06/22/04 | | | | 06/22/04 | | | | |

Organics Prep

| | | | | | | | | | |
|------------------|------------------|---|--|-----|----------|-----|--|--|--|
| Percent Moisture | Method: SM 2540G | | | | | | | | |
| Percent Moisture | 13.1 | % | | 1.0 | 06/21/04 | DPB | | | |

GC Volatiles

| | | | | | | | | | |
|----------------------------|--|---------|------|------|----------------|-----|-----------|---|--|
| Aromatic Volatile Organics | Prep/Method: EPA 5030 Medium Soil / EPA 8021 | | | | | | | | |
| Benzene | 330 | J ug/kg | 580 | 11.5 | 06/22/04 11:32 | ARF | 71-43-2 | 2 | |
| Ethylbenzene | 2300 | ug/kg | 580 | 11.5 | 06/22/04 11:32 | ARF | 100-41-4 | | |
| Toluene | 11000 | ug/kg | 580 | 11.5 | 06/22/04 11:32 | ARF | 108-88-3 | | |
| Xylene (Total) | 40000 | ug/kg | 1400 | 11.5 | 06/22/04 11:32 | ARF | 1330-20-7 | | |
| a,a,a-Trifluorotoluene (S) | 89 | % | | 1.0 | 06/22/04 11:32 | ARF | 98-08-8 | | |

REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 6085700
Client Project ID: N.M. Pits

Lab Sample No: 607379617 Project Sample Number: 6085700-014 Date Collected: 08/09/04 10:46
Client Sample ID: 104609AUG04 Matrix: Soil Date Received: 08/12/04 08:50

| Parameters | Results | Units | Report Limit | DF | Analyzed | By | CAS No. | Qual | RegLmt |
|--------------------------------|------------------------|-------|--------------|----|-------------------------|----|------------|------|--------|
| GC Semivolatiles | | | | | | | | | |
| Total Extractable Hydrocarbons | Prep/Method: OA2 / OA2 | | | | | | | | |
| Mineral Spirits | ND | mg/kg | 11. | | 1.1 08/18/04 08:04 RMN1 | | | | |
| Jet Fuel | ND | mg/kg | 11. | | 1.1 08/18/04 08:04 RMN1 | | | | |
| Kerosene | ND | mg/kg | 11. | | 1.1 08/18/04 08:04 RMN1 | | | | |
| Diesel Fuel | ND | mg/kg | 11. | | 1.1 08/18/04 08:04 RMN1 | | 68334-30-5 | | |
| Fuel Oil | ND | mg/kg | 11. | | 1.1 08/18/04 08:04 RMN1 | | 68334-30-5 | | |
| Motor Oil | ND | mg/kg | 11. | | 1.1 08/18/04 08:04 RMN1 | | | | |
| Total Petroleum Hydrocarbons | 590 | mg/kg | 11. | | 1.1 08/18/04 08:04 RMN1 | | | 4 | |
| n-Tetracosane (S) | 72 | % | | | 1.0 08/18/04 08:04 RMN1 | | 646-31-1 | | |
| p-Terphenyl (S) | 79 | % | | | 1.0 08/18/04 08:04 RMN1 | | 92-94-4 | | |
| Date Extracted | 08/16/04 | | | | 08/16/04 | | | | |

Organics Prep

| | | | | | | | | | |
|------------------|------------------|---|--|--|--------------|--|-----|--|--|
| Percent Moisture | Method: SM 2540G | | | | | | | | |
| Percent Moisture | 12.6 | % | | | 1.0 08/16/04 | | DPB | | |

GC Volatiles

| | | | | | | | | | |
|----------------------------|--|-------|------|--|-------------------------|--|-----------|--|--|
| Aromatic Volatile Organics | Prep/Method: EPA 5030 Medium Soil / EPA 8021 | | | | | | | | |
| Benzene | 2200 | ug/kg | 570 | | 11.4 08/18/04 14:07 ARF | | 71-43-2 | | |
| Ethylbenzene | 8000 | ug/kg | 570 | | 11.4 08/18/04 14:07 ARF | | 100-41-4 | | |
| Toluene | 32000 | ug/kg | 570 | | 11.4 08/18/04 14:07 ARF | | 108-88-3 | | |
| Xylene (Total) | 130000 | ug/kg | 1500 | | 11.4 08/18/04 14:07 ARF | | 1330-20-7 | | |
| a,a,a-Trifluorotoluene (S) | 101 | % | | | 1.0 08/18/04 14:07 ARF | | 98-08-8 | | |

Date: 08/20/04

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Lab Project Number: 6085700

Client Project ID: N.M. Pits

Lab Sample No: 607379609

Project Sample Number: 6085700-013

Date Collected: 08/09/04 10:44

Client Sample ID: 104409AUG04

Matrix: Soil

Date Received: 08/12/04 08:50

| Parameters | Results | Units | Report Limit | DF | Analyzed | By | CAS No. | Qual | RegLmt |
|--------------------------------|------------------------|-------|--------------|-----|----------------|------|------------|------|--------|
| GC Semivolatiles | | | | | | | | | |
| Total Extractable Hydrocarbons | Prep/Method: OA2 / OA2 | | | | | | | | |
| Mineral Spirits | ND | mg/kg | 11. | 1.1 | 08/18/04 07:47 | RMN1 | | | |
| Jet Fuel | ND | mg/kg | 11. | 1.1 | 08/18/04 07:47 | RMN1 | | | |
| Kerosene | ND | mg/kg | 11. | 1.1 | 08/18/04 07:47 | RMN1 | | | |
| Diesel Fuel | ND | mg/kg | 11. | 1.1 | 08/18/04 07:47 | RMN1 | 68334-30-5 | | |
| Fuel Oil | ND | mg/kg | 11. | 1.1 | 08/18/04 07:47 | RMN1 | 68334-30-5 | | |
| Motor Oil | ND | mg/kg | 11. | 1.1 | 08/18/04 07:47 | RMN1 | | | |
| n-Tetracosane (S) | 76 | % | | 1.0 | 08/18/04 07:47 | RMN1 | 646-31-1 | | |
| p-Terphenyl (S) | 86 | % | | 1.0 | 08/18/04 07:47 | RMN1 | 92-94-4 | | |
| Date Extracted | 08/16/04 | | | | 08/16/04 | | | | |

Organics Prep

Percent Moisture

Method: SM 2540G

Percent Moisture

10.0 %

1.0 08/16/04

DPB

GC Volatiles

Aromatic Volatile Organics

Prep/Method: EPA 5030 Medium Soil / EPA 8021

| | | | | | | | | | |
|----------------------------|-----|-------|-----|-----|----------------|-----|-----------|--|--|
| Benzene | ND | ug/kg | 56. | 1.1 | 08/17/04 16:50 | ARF | 71-43-2 | | |
| Ethylbenzene | ND | ug/kg | 56. | 1.1 | 08/17/04 16:50 | ARF | 100-41-4 | | |
| Toluene | 130 | ug/kg | 56. | 1.1 | 08/17/04 16:50 | ARF | 108-88-3 | | |
| Xylene (Total) | 580 | ug/kg | 140 | 1.1 | 08/17/04 16:50 | ARF | 1330-20-7 | | |
| a,a,a-Trifluorotoluene (S) | 96 | % | | 1.0 | 08/17/04 16:50 | ARF | 98-08-8 | | |

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