

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: DUGAN PRODUCTION CORP Telephone: _____ e-mail address: _____
Address: PO BOX 420 FARMINGTON, NM 87499
Facility or well name: TONKIN #003R API #: 30-045-22215 U/L or Qtr/Qtr F SEC 13 T 27N R 12W
County: SAN JUAN Latitude _____ Longitude _____ NAD: 1927 ☒ 1983 ☐
Surface Owner: Federal ☒ State ☐ Private ☐ Indian ☐

Pit

Type: Drilling ☐ Production ☒ Disposal ☐

Workover ☐ Emergency ☐

Lined ☐ Unlined ☒

Liner Type: Synthetic ☒ Thickness _____ mil Clay ☐

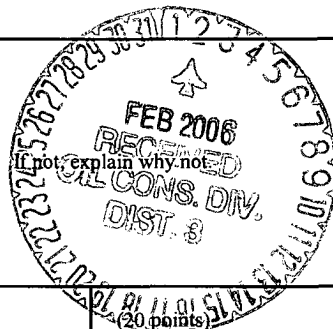
Pit Volume 70 bbl

Below-grade tank

Volume: _____ bbl Type of fluid: _____

Construction Material: _____

Double-walled, with leak detection? Yes ☒



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)
(0 points) 0

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) 0

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)
(0 points) 0

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 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:

Meter: 33206

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: 10/3/05

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: DEPUTY OIL & GAS INSPECTOR, DIST. 8

Printed Name/Title _____ Signature Denny Fournier

FEB 02 2006
Date: _____

ADDENDUM TO OCD FORM C-144

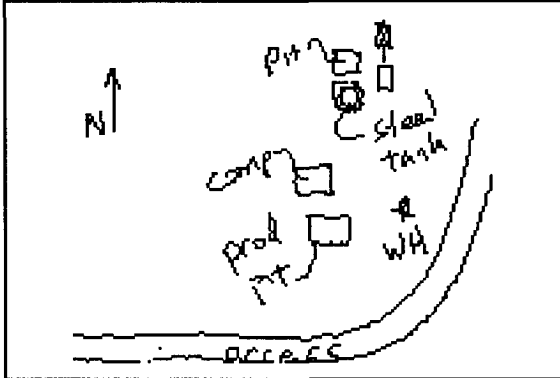
Operator: DUGAN PRODUCTION CORP

API 30-045-22215

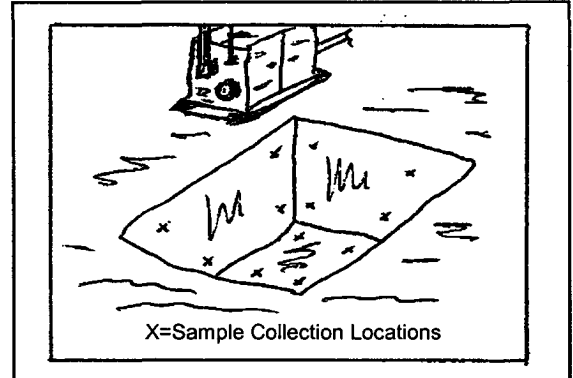
Well Name: TONKIN #003R

Meter: 33206

Facility Diagram:



Sampling Diagram:



Pit Dimensions

Length 14 Ft.

Width 14 Ft.

Depth 2 Ft.

Location of Pit Center

Latitude

Longitude

(NAD 1927)

Pit ID

332061

Pit Type

Glycol Dehydrator

Date Closure Started: 1/19/05

Date Closure Completed: 1/19/05

Closure Method: Excavated, Blended, Treated Soil Returned

Bedrock Encountered ? ☒

Cubic Yards Excavated: 92

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 |
|-------------|-------------|------------|--------------------|-----------------|-----------------|------------|----------|-------|
| 100519JAN05 | 1/19/05 | 51 | | | 110 | EX Confirm | Walls | 10 |
| 101519JAN05 | 1/19/05 | 87 | | | 140 | EX Confirm | Flr | 11 |
| 145018JAN05 | 1/18/05 | | 157 | 0 | 750 | ASSESS | | 3 |

Lab Project Number: 6091105
Client Project ID: N. Mex Pit Program

Lab Sample No: 607842135 Project Sample Number: 6091105-003 Date Collected: 01/18/05 14:50
Client Sample ID: 145018JAN05 Matrix: Soil Date Received: 01/21/05 09:10

| Parameters | Results | Units | Report Limit | DF | Analyzed | By | CAS No. | Qual | ReqLmt |
|------------|---------|-------|--------------|----|----------|----|---------|------|--------|
|------------|---------|-------|--------------|----|----------|----|---------|------|--------|

GC Semivolatiles

Total Extractable Hydrocarbons Prep/Method: OA2 / OA2

| | | | | | | | | | |
|------------------------------|----------|-------|-----|-----|----------------|------|------------|---|--|
| Mineral Spirits | ND | mg/kg | 13. | 1.3 | 01/26/05 02:08 | RMN1 | | | |
| Jet Fuel | ND | mg/kg | 13. | 1.3 | 01/26/05 02:08 | RMN1 | | | |
| Kerosene | ND | mg/kg | 13. | 1.3 | 01/26/05 02:08 | RMN1 | | | |
| Diesel Fuel | ND | mg/kg | 13. | 1.3 | 01/26/05 02:08 | RMN1 | 68334-30-5 | | |
| Fuel Oil | ND | mg/kg | 13. | 1.3 | 01/26/05 02:08 | RMN1 | 68334-30-5 | | |
| Motor Oil | ND | mg/kg | 13. | 1.3 | 01/26/05 02:08 | RMN1 | | | |
| Total Petroleum Hydrocarbons | 750 | mg/kg | 13. | 1.3 | 01/26/05 02:08 | RMN1 | | 1 | |
| n-Tetracosane (S) | 108 | % | | 1.0 | 01/26/05 02:08 | RMN1 | 646-31-1 | | |
| p-Terphenyl (S) | 106 | % | | 1.0 | 01/26/05 02:08 | RMN1 | 92-94-4 | | |
| Date Extracted | 01/25/05 | | | | 01/25/05 | | | | |

Organics Prep

Percent Moisture Method: SM 2540G
Percent Moisture 23.8 % 1.0 01/25/05 ALJ1

GC Volatiles

Aromatic Volatile Organics Prep/Method: EPA 5030 Medium Soil / EPA 8021

| | | | | | | | | | |
|----------------------------|-------|-------|-------|-----|----------------|--|-----------|-----|--|
| Benzene | ND | ug/kg | 13000 | 255 | 01/25/05 11:56 | | 71-43-2 | | |
| Ethylbenzene | 14000 | ug/kg | 13000 | 255 | 01/25/05 11:56 | | 100-41-4 | | |
| Toluene | 47000 | ug/kg | 13000 | 255 | 01/25/05 11:56 | | 108-88-3 | | |
| Xylene (Total) | 96000 | ug/kg | 33000 | 255 | 01/25/05 11:56 | | 1330-20-7 | | |
| a,a,a-Trifluorotoluene (S) | 120 | % | | 1.0 | 01/25/05 11:56 | | 98-08-8 | 2,3 | |

REPORT OF LABORATORY ANALYSIS

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Lab Project Number: 6091105
Client Project ID: N. Mex Pit Program

Lab Sample No: 607842200
Client Sample ID: 100519JAN05

Project Sample Number: 6091105-010
Matrix: Soil
Date Collected: 01/19/05 10:05
Date Received: 01/21/05 09:10

| 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 01/26/05 09:41 RMN1 | | | | |
| Jet Fuel | ND | mg/kg | 11. | | 1.1 01/26/05 09:41 RMN1 | | | | |
| Kerosene | ND | mg/kg | 11. | | 1.1 01/26/05 09:41 RMN1 | | | | |
| Diesel Fuel | ND | mg/kg | 11. | | 1.1 01/26/05 09:41 RMN1 | | 68334-30-5 | | |
| Fuel Oil | ND | mg/kg | 11. | | 1.1 01/26/05 09:41 RMN1 | | 68334-30-5 | | |
| Motor Oil | ND | mg/kg | 11. | | 1.1 01/26/05 09:41 RMN1 | | | | |
| Total Petroleum Hydrocarbons | 110 | mg/kg | 11. | | 1.1 01/26/05 09:41 RMN1 | | | 7 | |
| n-Tetracosane (S) | 119 | % | | | 1.0 01/26/05 09:41 RMN1 | | 646-31-1 | | |
| p-Terphenyl (S) | 128 | % | | | 1.0 01/26/05 09:41 RMN1 | | 92-94-4 | | |
| Date Extracted | 01/25/05 | | | | 01/25/05 | | | | |

Organics Prep

| | | | | | | | | | |
|------------------|------------------|---|--|--|--------------|------|--|--|--|
| Percent Moisture | Method: SM 2540G | | | | | | | | |
| Percent Moisture | 8.7 | % | | | 1.0 01/25/05 | ALJ1 | | | |

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Lab Project Number: 6091105
Client Project ID: N. Mex Pit Program

Lab Sample No: 607842218 Project Sample Number: 6091105-011 Date Collected: 01/19/05 10:15
Client Sample ID: 101519JAN05 Matrix: Soil Date Received: 01/21/05 09:10

| 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 | 01/26/05 09:59 | RMN1 | | | |
| Jet Fuel | ND | mg/kg | 11. | 1.1 | 01/26/05 09:59 | RMN1 | | | |
| Kerosene | ND | mg/kg | 11. | 1.1 | 01/26/05 09:59 | RMN1 | | | |
| Diesel Fuel | ND | mg/kg | 11. | 1.1 | 01/26/05 09:59 | RMN1 | 68334-30-5 | | |
| Fuel Oil | ND | mg/kg | 11. | 1.1 | 01/26/05 09:59 | RMN1 | 68334-30-5 | | |
| Motor Oil | ND | mg/kg | 11. | 1.1 | 01/26/05 09:59 | RMN1 | | | |
| Total Petroleum Hydrocarbons | 140 | mg/kg | 11. | 1.1 | 01/26/05 09:59 | RMN1 | | 5 | |
| n-Tetracosane (S) | 116 | % | | 1.0 | 01/26/05 09:59 | RMN1 | 646-31-1 | | |
| p-Terphenyl (S) | 125 | % | | 1.0 | 01/26/05 09:59 | RMN1 | 92-94-4 | | |
| Date Extracted | 01/25/05 | | | | 01/25/05 | | | | |

Organics Prep

| | | | | | | | | | |
|------------------|------------------|---|--|-----|----------|------|--|--|--|
| Percent Moisture | Method: SM 2540G | | | | | | | | |
| Percent Moisture | 11.1 | % | | 1.0 | 01/25/05 | ALJ1 | | | |

REPORT OF LABORATORY ANALYSIS

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