

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
DISTRICT II
1304 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 ☒

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

Operator: <u>Duncan Oil</u> Telephone: <u>(303) 759-3303</u> e-mail address: <u>sfallin@duncanoil.com</u>		
Address: <u>1777 South Harrison Street -- Penthouse One, Denver, Colorado, 80210</u>		
Facility or well name: <u>N, Hogback 7 No. 6</u> API #: <u>3004521889</u> U/L or Qtr/Qtr <u>D</u> Sec <u>7</u> T <u>29N</u> R <u>16W</u>		
County: <u>San Juan</u> Latitude <u>36° 44.706'</u> Longitude <u>-108° 34.420</u> NAD: 1927 <input checked="" type="checkbox"/> 1983 <input type="checkbox"/>		
Surface Owner: Federal <input type="checkbox"/> State <input type="checkbox"/> Private <input type="checkbox"/> Indian <input checked="" 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 type="checkbox"/> Thickness <u> </u> mil Clay <input type="checkbox"/> Pit Volume <u> </u> bbl	Below-grade tank Volume: <u> </u> bbl Type of fluid: Construction material: Double-walled, with leak detection? Yes <input 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 (20 points) 50 feet or more, but less than 100 feet (10 points) 100 feet or more (0 points) 20	
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	Yes (20 points) No (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 (20 points) 200 feet or more, but less than 1000 feet (10 points) 1000 feet or more (0 points) 10	
Ranking Score (Total Points) 30		

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 Envirotech Landfarm #2. (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:
Approximately 1,010 cubic yards of contaminated soil was excavated from the North Hogback 7-#6 Tank Battery No. 1 Pit.
Walls and bottom of pit tested clean per method 418.1, see attached results
<u>2 of 3</u>

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: 1/4/06
Printed Name/Title Steve Fallin - Production Manager Signature Steve Fallin

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.

DEPUTY OIL & GAS INSPECTOR, DIST. 3
Approval: Denny Fent Signature Denny Fent Date: JAN 09 2006

CLIENT: _____	ENVIROTECH INC. <small>ENVIRONMENTAL SCIENTISTS & ENGINEERS 5796 U.S. HIGHWAY 64-3014 FARMINGTON, NEW MEXICO 87401 PHONE: (505) 632-0615</small>	LOCATION NO: _____ C.O.C. NO: _____																																			
FIELD REPORT: CLOSURE VERIFICATION		PAGE No: <u>1</u> of <u>1</u>																																			
LOCATION: NAME: <u>N. Hogback</u> WELL #: <u>6</u> PIT: <u>TB#1</u> QUAD/UNIT: <u>D</u> SEC: <u>7</u> TWP: <u>29</u> RNG: <u>16</u> PM: <u>NMMPM</u> CNTY: <u>SAN JUAN</u> ST: <u>NM</u> QTR/FOOTAGE: <u>1295 FNL 100' FWL</u> CONTRACTOR: _____		DATE STARTED: <u>9/9/05</u> DATE FINISHED: <u>9/12/05</u> ENVIRONMENTAL SPECIALIST: _____																																			
EXCAVATION APPROX. <u>33</u> FT. x <u>33</u> FT. x <u>19</u> FT. DEEP. CUBIC YARDAGE: <u>950</u> DISPOSAL FACILITY: <u>ETLF #3</u> REMEDIATION METHOD: _____ LAND USE: <u>grazing</u> LEASE: _____ FORMATION: _____																																					
FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY _____ FT. _____ FROM WELLHEAD. DEPTH TO GROUNDWATER: <u>250</u> NEAREST WATER SOURCE: <u>71000</u> NEAREST SURFACE WATER: <u>2800</u> NMCD RANKING SCORE: <u>30</u> NMCD TPH CLOSURE STD: <u>100</u> PPM SOIL AND EXCAVATION DESCRIPTION: _____																																					
CHECK ONE : <input checked="" type="checkbox"/> PIT ABANDONED <input type="checkbox"/> STEEL TANK INSTALLED																																					
FIELD 418.1 CALCULATIONS																																					
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>TIME</th> <th>SAMPLE I.D.</th> <th>LAB No:</th> <th>WEIGHT (g)</th> <th>mL. FREON</th> <th>DILUTION</th> <th>READING</th> <th>CALC. ppm</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>			TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm																											
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TRAVEL NOTES: CALLOUT: _____ ONSITE: _____																																					

**EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS**

Client: Duncan Oil
Sample No.: 1
Sample ID: Composite Sample 23' BGS
Sample Matrix: Soil
Preservative: Cool
Condition: Cool and Intact

Project #: 05161-001
Date Reported: 9/10/2005
Date Sampled: 9/9/2005
Date Analyzed: 9/9/2005
Analysis Needed: TPH-418.1

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	60.0	5.0

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **North Hogback 7 - #6 TB #1**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Analyst



Review



**EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS**

Client: Duncan Oil
Sample No.: 11
Sample ID: Composite Sample West Wall
Sample Matrix: Soil
Preservative: Cool
Condition: Cool and Intact

Project #: 05161-001
Date Reported: 9/13/2005
Date Sampled: 9/12/2005
Date Analyzed: 9/12/2005
Analysis Needed: TPH-418.1

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	16.0	5.0

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

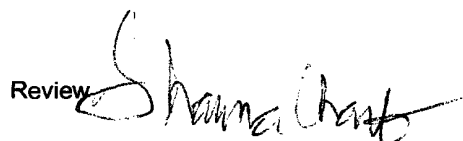
Comments: **North Hogback 7 - #6 TB #1**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Analyst



Review



**EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS**

Client: Duncan Oil
Sample No.: 6
Sample ID: Composite Sample North Wall
Sample Matrix: Soil
Preservative: Cool
Condition: Cool and Intact

Project #: 05161-001
Date Reported: 9/13/2005
Date Sampled: 9/12/2005
Date Analyzed: 9/12/2005
Analysis Needed: TPH-418.1

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	ND	5.0

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **North Hogback 7 - #6 TB #1**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Analyst



Review



**EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS**

Client: Duncan Oil
Sample No.: 10
Sample ID: Composite Sample East Wall
Sample Matrix: Soil
Preservative: Cool
Condition: Cool and Intact

Project #: 05161-001
Date Reported: 9/13/2005
Date Sampled: 9/12/2005
Date Analyzed: 9/12/2005
Analysis Needed: TPH-418.1

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	12.0	5.0

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **North Hogback 7 - #6 TB #1**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

Analyst



Review

