

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

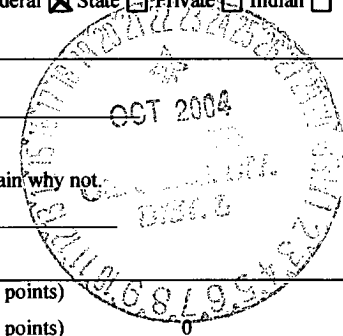
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

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 ☒

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

Operator: <u>Dugan Production Corp</u> Telephone: <u>(505)325-1821</u> e-mail address: _____		
Address: <u>P.O. Box 420, Farmington, New Mexico 87401</u>		
Facility or well name: <u>Target 1</u> API #: <u>30-045-28537</u> U/L or Qtr/Qtr <u>F</u> Sec <u>20</u> T <u>24N</u> R <u>10W</u>		
County: <u>San Juan</u> Latitude <u>36.30054</u> Longitude <u>107.92126</u> 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> 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 _____ mil Clay <input type="checkbox"/> Pit Volume <u>160</u> bbl	<b>Below-grade tank</b> Volume: _____ 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)	
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) 0 1000 feet or more (0 points)	
<b>Ranking Score (Total Points)</b> 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:
15' x 15' x 4' deep earthen pit., center located 126 feet South 20° West of wellhead.

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: 10/15/04


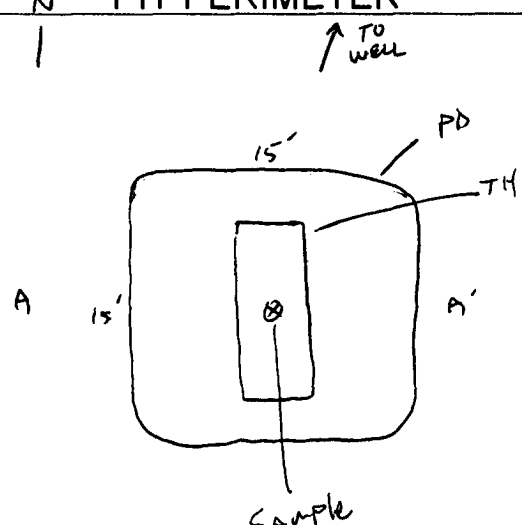
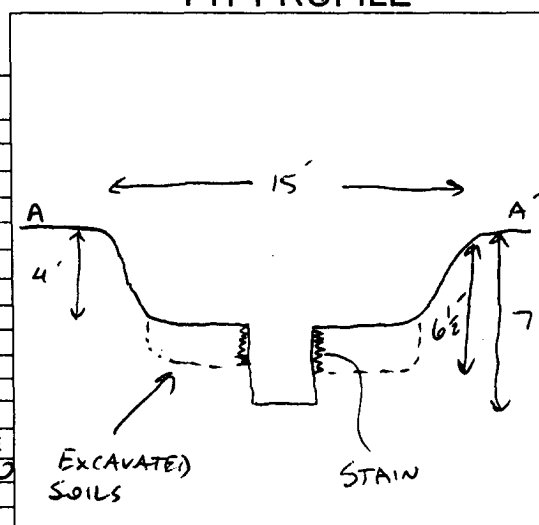
Printed Name/Title Jeffrey C. Blagg, NMPE 11607 Signature Jeffrey C. Blagg

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. 6  
Printed Name/Title \_\_\_\_\_ Signature Denise Ford Date: OCT 22 2004

30-045-28537

36.3054 x 107.92126

CLIENT: <u>DUGAN</u>	<b>BLAGG ENGINEERING, INC.</b> <b>P.O. BOX 87, BLOOMFIELD, NM 87413</b> <b>(505) 632-1199</b>	LOCATION NO: _____ COCR NO: <u>13083</u>																															
<b>FIELD REPORT: PIT CLOSURE VERIFICATION</b>		PAGE No: <u>1</u> of <u>1</u>																															
LOCATION: NAME: <u>TARGET</u> WELL #: <u>1</u> TYPE: <u>TANK</u> QUAD/UNIT: <u>F</u> SEC: <u>20</u> TWP: <u>24N</u> RNG: <u>10W</u> PM: <u>NM</u> CNTY: <u>SJ</u> ST: <u>NM</u> QTR/FOOTAGE: <u>1980 FNL x 1980 FWL</u> CONTRACTOR: _____		DATE STARTED: <u>10-7-04</u> DATE FINISHED: <u>10-7-04</u> ENVIRONMENTAL SPECIALIST: <u>JCB</u>																															
EXCAVATION APPROX. <u>15</u> FT. x <u>15</u> FT. x <u>6 1/2</u> FT. DEEP. CUBIC YARDAGE: <u>20 ±</u>																																	
DISPOSAL FACILITY: <u>ONSITE</u> REMEDIATION METHOD: <u>L.F.</u>																																	
LAND USE: <u>RANGE - FED</u> LEASE: <u>NM-43442</u> FORMATION: <u>GALLUP</u>																																	
FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY <u>126</u> FT. <u>S 20 W</u> FROM WELLHEAD.																																	
DEPTH TO GROUNDWATER: <u>&gt;100</u> NEAREST WATER SOURCE: <u>&gt;1000</u> NEAREST SURFACE WATER: <u>&gt;1000</u>																																	
NMOCD RANKING SCORE: <u>0</u> NMOCD TPH CLOSURE STD: <u>5000</u> PPM																																	
<b>SOIL AND EXCAVATION DESCRIPTION:</b> <div style="float: right; text-align: right;">           OVM CALIB. READ. = <u>52.9</u> ppm            OVM CALIB. GAS = <u>100</u> ppm RF = 0.52            TIME: <u>1215</u> am/pm DATE: <u>10/7/04</u> </div>																																	
SOIL TYPE: SAND <u>(SILTY SAND)</u> / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER _____ SOIL COLOR: _____ COHESION (ALL OTHERS): NON COHESIVE <u>(SLIGHTLY COHESIVE)</u> / COHESIVE / HIGHLY COHESIVE CONSISTENCY (NON COHESIVE SOILS): <u>(LOOSE)</u> / FIRM / DENSE / VERY DENSE PLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC DENSITY (COHESIVE CLAYS & SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARD MOISTURE: DRY <u>(SLIGHTLY MOIST)</u> / MOIST / WET / SATURATED / SUPER SATURATED DISCOLORATION/STAINING OBSERVED: <u>(YES)</u> / NO EXPLANATION - <u>From Pit Base to 2' Below Pit Base (4'-6')</u> HC ODOR DETECTED: <u>(YES)</u> / NO EXPLANATION - _____ SAMPLE TYPE: GRAB / COMPOSITE - # OF PTS. _____ ADDITIONAL COMMENTS: <u>15' x 15' x 4' Deep EXCAVATION PIT. USE BACKHOE TO SAMPLE. STAIN/ODOR FROM 4'-6' Below Surface Grade, Clean Below THAT</u>																																	
FIELD 418.1 CALCULATIONS																																	
SCALE  0 15 FT	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>SAMP. TIME</th> <th>SAMP. ID</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>	SAMP. TIME	SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. (ppm)																								
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P.D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW T.H. = TEST HOLE; ~ = APPROX.; T.B. = TANK BOTTOM																																	
TRAVEL NOTES: CALLOUT: _____ ONSITE: <u>10-7-04</u> <u>NMUN</u>																																	

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

## EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

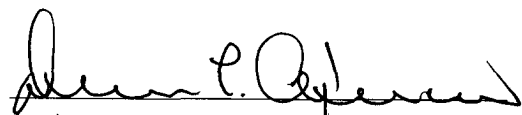
Client:	Blagg / Dugan	Project #:	94034-010
Sample ID:	Tank Pit	Date Reported:	10-08-04
Laboratory Number:	30893	Date Sampled:	10-07-04
Chain of Custody No:	13083	Date Received:	10-08-04
Sample Matrix:	Soil	Date Extracted:	10-08-04
Preservative:	Cool	Date Analyzed:	10-08-04
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

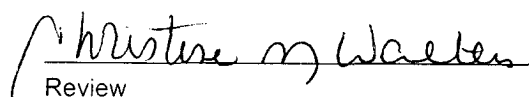
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Target 1 1 @ 7'.**

  
Analyst

  
Review