

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 ☒

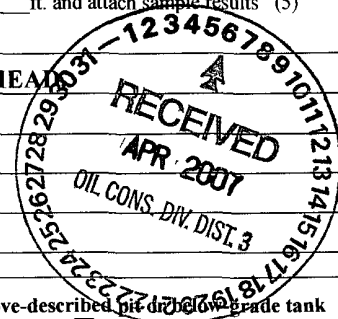
Operator: XTO ENERGY INC. Telephone: (505)-324-1090 e-mail address: \_\_\_\_\_  
Address: 2700 FARMINGTON AVE.. BLDG. K. SUITE 1. FARMINGTON. NM 87401  
Facility or well name: McGRADY GC C #1 API #: 30-045- 24374 U/L or Qtr/Qtr F Sec 14 T 27N R 12W  
County: SAN JUAN Latitude 36.57807 Longitude 108.08441 NAD. 1927 ☐ 1983 ☒ Surface Owner Federal ☒ State ☐ Private ☐ Indian ☐

<b>Pit</b> Type: Drilling <input type="checkbox"/> Production <input type="checkbox"/> Disposal <input checked="" type="checkbox"/> BLOW 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 _____ bbl	<b>Below-grade tank</b> Volume: _____ bbl Type of fluid: _____ Construction material: <u>N/A</u> 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) <b>0</b> 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) <b>0</b>
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) <b>0</b> 1000 feet or more (0 points)
<b>Ranking Score (Total Points)</b> <b>0</b>	

**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: <b>PIT LOCATED APPROXIMATELY 192 FT. N85E FROM WELL HEAD</b>
<b>PIT EXCAVATION: WIDTH n/a ft., LENGTH n/a ft., DEPTH n/a ft.</b>
<b>PIT REMEDIATION: CLOSE AS IS: <input checked="" type="checkbox"/> LANDFARM: <input type="checkbox"/> COMPOST: <input type="checkbox"/> STOCKPILE: <input type="checkbox"/> OTHER <input type="checkbox"/> (explain)</b>
<b>Cubic yards: <u>n/a</u></b>



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 alternative OCD-approved plan ☒.

Date: 07/27/04

Printed Name/Title: Jeff Blagg - P.E. # 11607 Signature: Jeff 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 District #3  
Printed Name/Title: \_\_\_\_\_ Signature: [Signature] Date: SEP 10 2007

CLIENT: <u>XTO</u>	<b>BLAGG ENGINEERING, INC.</b> <b>P.O. BOX 87, BLOOMFIELD, NM 87413</b> <b>(505) 632-1199</b>	LOCATION NO: <u>CT072</u> COCR NO: <u>12619</u>																											
<b>FIELD REPORT: PIT CLOSURE VERIFICATION</b>		PAGE No: <u>1</u> of <u>1</u>																											
LOCATION: NAME: <u>McGRADY GC C</u> WELL #: <u>1</u> TYPE: <u>Blow</u> QUAD/UNIT <u>F</u> SEC: <u>14</u> TWP: <u>27N</u> RNG: <u>12W</u> PM: <u>NM</u> CNTY: <u>SJ</u> ST: <u>NM</u> QTR/FOOTAGE: <u>1585'N/1640'W</u> SE1NW CONTRACTOR:		DATE STARTED <u>7-26-04</u> DATE FINISHED <u>7-26-04</u> ENVIRONMENTAL SPECIALIST: <u>JLB</u>																											
EXCAVATION APPROX. <u>NA</u> FT. x <u>NA</u> FT. x <u>NA</u> FT. DEEP. CUBIC YARDAGE: <u>0</u> DISPOSAL FACILITY: <u>NA</u> REMEDIATION METHOD: <u>CLOSE AS IS</u> LAND USE: <u>NAPI</u> (Bum)? LEASE: <u>NM-035634</u> FORMATION: <u>DR</u>																													
FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY <u>192</u> FT. <u>N35E</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; border: 1px solid black; padding: 5px; margin-top: -10px;">           OVM CALIB. READ. = <u>52.2</u> ppm            OVM CALIB. GAS = <u>100</u> ppm RF = 0.52            TIME: <u>1250</u> am/pm DATE <u>7-26-04</u> </div>																													
SOIL TYPE <u>SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER</u> SOIL COLOR <u>Yellow Tan</u> COHESION (ALL OTHERS) <u>NON COHESIVE</u> / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE CONSISTENCY (NON COHESIVE SOILS): <u>LOOSE</u> / FIRM / DENSE / VERY DENSE PLASTICITY (CLAYS) <u>NON PLASTIC</u> / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC DENSITY (COHESIVE CLAYS & SILTS): <u>SOFT</u> / FIRM / STIFF / VERY STIFF / HARD MOISTURE <u>DRY</u> / SLIGHTLY MOIST / MOIST / WET / SATURATED / SUPER SATURATED DISCOLORATION/STAINING OBSERVED: YES / <u>NO</u> EXPLANATION - HC ODOR DETECTED: YES / <u>NO</u> EXPLANATION - <u>V. MINOR</u> SAMPLE TYPE <u>GRAB</u> / COMPOSITE - # OF PTS. <u>1</u> ADDITIONAL COMMENTS <u>42' x 42' x 4' DEEP EARTHEN BLOW PIT USE BACKHOLE TO DIG TEST TRENCH.</u> <div style="text-align: right; border: 1px solid black; border-radius: 50%; padding: 5px; width: fit-content; margin: 10px auto;">CLOSED</div>																													
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PD = PIT DEPRESSION, BG = BELOW GRADE; B = BELOW TH = TEST HOLE, ~ = APPROX., TB = TANK BOTTOM																													
TRAVEL NOTES: CALLOUT: <u>7/26/04</u> ONSITE: <u>7/26/04 1230</u>																													

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

Client:	Blagg / XTO	Project #:	94034-010
Sample ID:	2 @ 7'	Date Reported:	07-27-04
Laboratory Number:	29663	Date Sampled:	07-26-04
Chain of Custody No:	12619	Date Received:	07-26-04
Sample Matrix:	Soil	Date Extracted:	07-27-04
Preservative:	Cool	Date Analyzed:	07-27-04
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

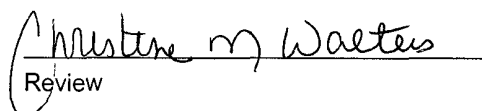
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

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: H. B. McGrady GC C #1 Blow Pit.

  
Analyst

  
Review

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**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: XTO ENERGY INC. Telephone: (505)-324-1090 e-mail address \_\_\_\_\_  
Address 2700 FARMINGTON AVE.. BLDG. K. SUITE 1. FARMINGTON. NM 87401  
Facility or well name: McGRADY GC C #1 API #: 30-045- 24374 U/L or Qtr/Qtr F Sec 14 T 27N R 12W  
County: SAN JUAN Latitude 36.57807 Longitude 108.08441 NAD: 1927 ☐ 1983 ☒ Surface Owner Federal ☒ State ☐ Private ☐ Indian ☐

Pit	Below-grade tank
Type: Drilling <input type="checkbox"/> Production <input type="checkbox"/> Disposal <input checked="" type="checkbox"/> DEHYDRATOR 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 _____ bbl	Volume: _____ bbl Type of fluid: <u>N/A</u> Construction material: <u>N/A</u> 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) <b>0</b> 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) <b>0</b>
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) <b>0</b> 1000 feet or more (0 points)
Ranking Score (Total Points) <b>0</b>	

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 your 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: <b>PIT LOCATED APPROXIMATELY 168 FT. S3W FROM WELL HEAD.</b>
<b>PIT EXCAVATION: WIDTH n/a ft., LENGTH n/a ft., DEPTH n/a ft.</b>
<b>PIT REMEDIATION: CLOSE AS IS: <input checked="" type="checkbox"/> LANDFARM: <input type="checkbox"/> COMPOST: <input type="checkbox"/> STOCKPILE: <input type="checkbox"/> OTHER <input type="checkbox"/> (explain)</b>
<b>Cubic yards: <u>n/a</u></b>


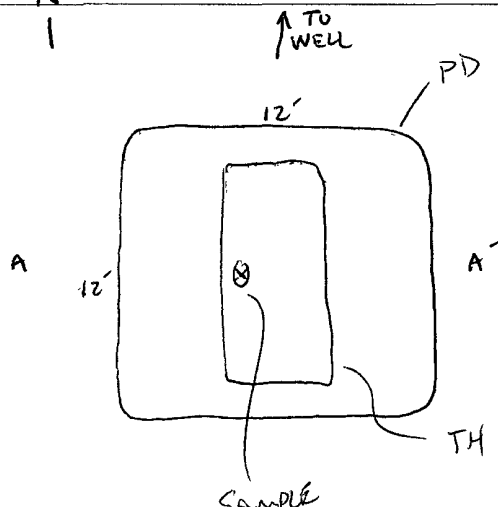
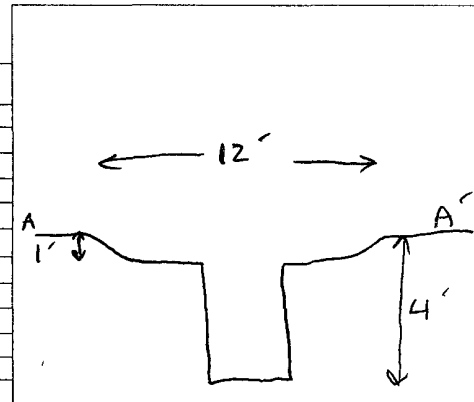
I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐, or an alternative OCD-approved plan ☒.

Date: 07/27/04

PrintedName/Title Jeff Blagg – P.E. # 11607 Signature Jeff 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,  
District #3  
Printed Name/Title \_\_\_\_\_ Signature B. L. Pull Date: SEP 10 2007

CLIENT: <u>XTO</u>	<b>BLAGG ENGINEERING, INC.</b> <b>P.O. BOX 87, BLOOMFIELD, NM 87413</b> <b>(505) 632-1199</b>	LOCATION NO: <u>CT072</u> COCR NO: <u>12619</u>																																																																																							
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TRAVEL NOTES: CALLOUT: <u>7/26/04</u> ONSITE: <u>7/26/04</u> <u>1230</u>																																																																																									

EPA METHOD 8015 Modified  
Nonhalogenated Volatile Organics  
Total Petroleum Hydrocarbons

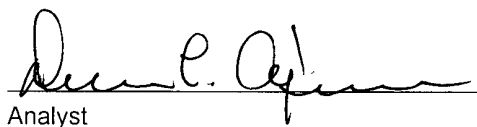
Client:	Blagg / XTO	Project #:	94034-010
Sample ID:	1 @ 4'	Date Reported:	07-27-04
Laboratory Number:	29662	Date Sampled:	07-26-04
Chain of Custody No:	12619	Date Received:	07-26-04
Sample Matrix:	Soil	Date Extracted:	07-27-04
Preservative:	Cool	Date Analyzed:	07-27-04
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

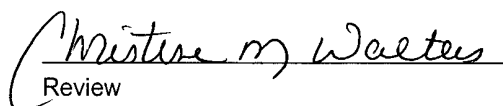
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

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: H. B. McGrady GC C #1 Dehy Pit.

  
Analyst

  
Review

12619

san juan reproduction 578-129

EPA Method 8015 Modified  
Nonhalogenated Volatile Organics  
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	07-27-TPH QA/QC	Date Reported:	07-27-04
Laboratory Number:	29662	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-27-04
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept. Range
Gasoline Range C5 - C10	02-19-04	1.8591E-002	1.8572E-002	0.10%	0 - 15%
Diesel Range C10 - C28	02-19-04	1.5507E-002	1.5492E-002	0.10%	0 - 15%

Blank Conc. (mg/L - mg/Kg)	Concentration	Detection Limit
Gasoline Range C5 - C10	ND	0.2
Diesel Range C10 - C28	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

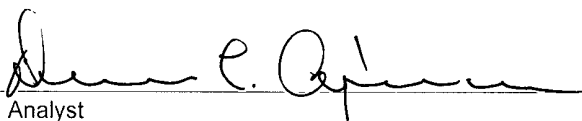
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	ND	ND	0.0%	0 - 30%
Diesel Range C10 - C28	ND	ND	0.0%	0 - 30%

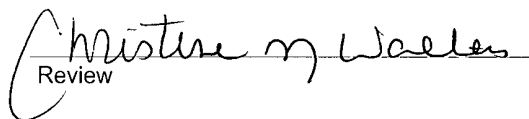
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	ND	250	250	100.0%	75 - 125%
Diesel Range C10 - C28	ND	250	250	100.0%	75 - 125%

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: QA/QC for samples 29662 - 29663.

  
Analyst

  
Review