

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

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

Form C-144
June 1, 2004

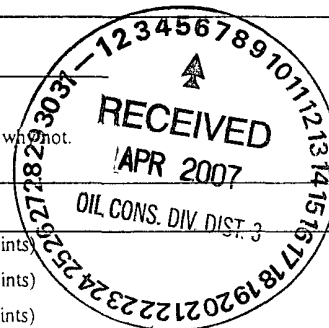
For drilling and production facilities, submit to appropriate NMOCD District Office
For downstream facilities, submit to Santa Fe office

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>BP America Production Company</u> Telephone: <u>(505)326-9200</u> e-mail address: _____		
Address <u>200 Energy Ct, Farmington, NM 87401</u>		
Facility or well name <u>PIPERIN, P.O. #4</u> API # <u>3004506499</u> U/L or Qtr/Qtr <u>K</u> Sec <u>17</u> T <u>27N</u> R <u>10W</u>		
County <u>San Juan</u> Latitude _____ Longitude _____ NAD 1927 <input type="checkbox"/> 1983 <input type="checkbox"/>		
Surface Owner Federal <input type="checkbox"/> State <input type="checkbox"/> Private <input type="checkbox"/> Indian <input type="checkbox"/>		
Pit Type: Drilling <input type="checkbox"/> Production <input type="checkbox"/> Disposal <input checked="" type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input type="checkbox"/> Unlined <input type="checkbox"/> Liner type Synthetic <input type="checkbox"/> Thickness _____ mil Clay <input type="checkbox"/> Pit Volume _____ bbl		
Below-grade tank 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)
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)
Ranking Score (Total Points)		



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
See Attached Documentation

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 11/01/2005

Printed Name/Title Jeffrey C. Blagg, Agent

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,
District #3

Printed Name/Title _____

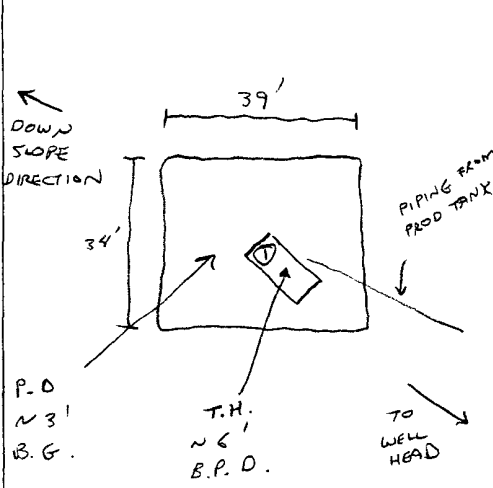
Signature [Signature]

Date: SEP 10 2007

CLIENT: <u>XTO</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO. <u>C005</u> C.O.C. NO. <u>9087</u>
FIELD REPORT: PIT CLOSURE VERIFICATION		PAGE No <u>1</u> of <u>1</u>
LOCATION: NAME <u>PIPKIN P.O.</u> WELL # <u>4</u> TYPE <u>BLW/PROD</u>		DATE STARTED <u>7/3/02</u> DATE FINISHED _____
QUAD/UNIT: <u>K SEC: 17 TWP: 27N RNG: 10W PM: NM CNTY: SJ ST: NM</u>		ENVIRONMENTAL SPECIALIST <u>NV</u>
QTR/FOOTAGE: <u>900S/1770W</u> NELS/W CONTRACTOR <u>VAUGHN</u> (SHANE)		
EXCAVATION APPROX. <u>NA</u> FT x <u>NA</u> FT x <u>NA</u> FT DEEP CUBIC YARDAGE <u>NA</u>		
DISPOSAL FACILITY: <u>ON-SITE</u> REMEDIATION METHOD: <u>CLOSE AS IS</u>		
LAND USE: <u>RANGE - BLM</u> LEASE: <u>SF 077875</u> FORMATION <u>OK</u>		
FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY <u>296</u> FT. <u>N39W</u> FROM WELLHEAD		
DEPTH TO GROUNDWATER: <u>>100'</u> NEAREST WATER SOURCE: <u>>1000'</u> NEAREST SURFACE WATER <u>>1000'</u>		
NMOC D RANKING SCORE: <u>2</u> NMOC D TPH CLOSURE STD: <u>5000</u> PPM		
SOIL AND EXCAVATION DESCRIPTION:		DVM CALIB. READ. <u>53.2</u> ppm DVM CALIB GAS = <u>100</u> ppm RE = <u>0.52</u> TIME: <u>10:52</u> am/pm DATE: <u>7/3/02</u>
SOIL TYPE: <u>(SAND)</u> / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER _____		
SOIL COLOR: <u>DR. YEL. ORANGE (SAMPLE)</u> <u>MED GRAY - BLACK (SMALL ISOLATED AREA IN PIT)</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): NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC		
DENSITY (COHESIVE CLAYS & SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARD		
MOISTURE DRY / SLIGHTLY MOIST / <u>(MOIST)</u> / WET / SATURATED / SUPER SATURATED		
DISCOLORATION/STAINING OBSERVED: <u>(YES)</u> / NO EXPLANATION - <u>ON PIT SURFACE + NOTED IN SOIL COLOR (~3.5' THICKNESS)</u>		
HC ODOR DETECTED: <u>(YES)</u> / NO EXPLANATION - <u>STAINED & DISCOLORED SOIL NOTED ABOVE</u>		
SAMPLE TYPE: <u>(GRAB)</u> / COMPOSITE - # OF PTS. <u>—</u>		
ADDITIONAL COMMENTS: _____		

SCALE  0 FT	FIELD 418.1 CALCULATIONS																																																
	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>SAMP. 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> <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> <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> </table>	SAMP. TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC ppm																																								
SAMP. TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC ppm																																										

PIT PERIMETER



OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1 @ 9'	14.8
2 @	
3 @	
4 @	
5 @	

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
1 @ 9'	TPH (8 DISB)	1100

PIT PROFILE

NOT APPLICABLE

P.D. = PIT DEPRESSION; B.G. = BELOW GRADE
T.H. = TEST HOLE; ~ = APPROX.; B = BELOW

TRAVEL NOTES: CALLOUT: 6/25/02 = NOON ONSITE: 6/25/02 - EVENING 7/3/02 - MORNING

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

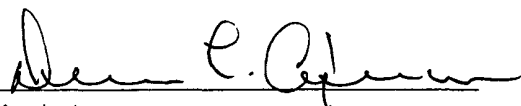
Client:	Blagg / XTO	Project #:	94034-010
Sample ID:	1 @ 9'	Date Reported:	07-08-02
Laboratory Number:	23232	Date Sampled:	07-03-02
Chain of Custody No:	9087	Date Received:	07-03-02
Sample Matrix:	Soil	Date Extracted:	07-08-02
Preservative:	Cool	Date Analyzed:	07-08-02
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

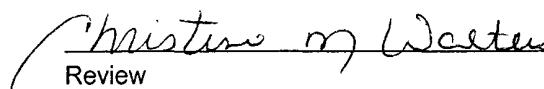
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

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: P.O. Pipkin #4 Blow/Production Tank Pit Grab Sample.


Analyst


Review

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

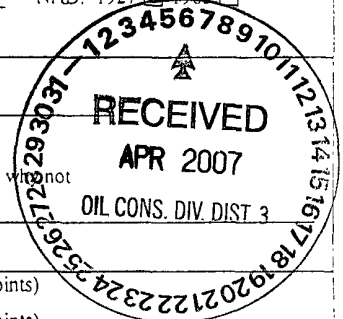
Is pit or below-grade tank covered by a "general plan"? Yes ☒ No ☐

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

Operator BP America Production Company Telephone: (505)326-9200 e-mail address: _____
Address 200 Energy Ct, Farmington, NM 87401
Facility or well name: PIPERIN, P.O. #4 API #: 3004506499 U/L or Qtr/Qtr K Sec 17 T 27N R 10W
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 _____ bbl

Below-grade tank
Volume: _____ bbl Type of fluid: _____
Construction material: _____
Double-walled, with leak detection? Yes ☐ 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)
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)
Ranking Score (Total Points)		

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


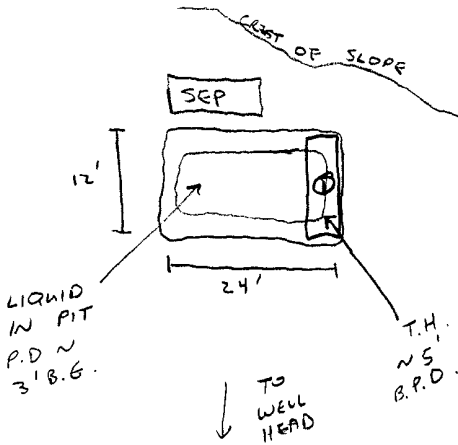
Additional Comments
See Attached Documentation

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 11/01/2005
Printed Name/Title Jeffrey C. Blagg, Agent 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,
Printed Name/Title District #3 Signature [Signature] Date: SEP 10 2007

CLIENT: <u>XTO</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>CT005</u> C.O.C NO: <u>9087</u>																																																																																																									
FIELD REPORT: PIT CLOSURE VERIFICATION		PAGE No <u>1</u> of <u>1</u>																																																																																																									
LOCATION: NAME <u>PIPRW P.O.</u> WELL # <u>4</u> TYPE <u>SEP.</u> QUAD/UNIT: <u>R SEC 17 TWP: 27N RNG: 10W PM. NM CNTY: SJ ST. NM</u> QTR/FOOTAGE: <u>1900S/1700W NW/SE CONTRACTOR: VAUGHN (SHANE)</u>		DATE STARTED <u>7/3/02</u> DATE FINISHED _____ ENVIRONMENTAL SPECIALIST <u>NV</u>																																																																																																									
EXCAVATION APPROX. <u>24</u> FT x <u>12</u> FT x <u>5</u> FT. DEEP CUBIC YARDAGE <u>65</u>																																																																																																											
DISPOSAL FACILITY: <u>ON-SITE</u> REMEDIATION METHOD: <u>LANDFARM</u>																																																																																																											
LAND USE: <u>RANGE-BLM</u> LEASE: <u>SF077875</u> FORMATION: <u>OK</u>																																																																																																											
FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY <u>129</u> FT. <u>N20E</u> FROM WELLHEAD DEPTH TO GROUNDWATER: <u>>100'</u> NEAREST WATER SOURCE: <u>>1000'</u> NEAREST SURFACE WATER <u>>1000'</u> NMOCB RANKING SCORE: <u>0</u> NMOCB TPH CLOSURE STD: <u>5000</u> PPM																																																																																																											
SOIL AND EXCAVATION DESCRIPTION: SOIL TYPE: <u>SAND</u> / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER _____ SOIL COLOR: <u>OK. YELL. ORANGE (SAMPLE)</u> <u>LT GRAY TO BLACK (EXCAVATED)</u> COHESION (ALL OTHERS): <u>NON COHESIVE</u> / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE CONSISTENCY (NON COHESIVE SOILS): <u>LOOSE</u> / <u>FIRM</u> / 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 / SLIGHTLY MOIST / <u>MOIST</u> / WET / SATURATED / <u>SUPER SATURATED</u> <u>CLOSED</u> DISCOLORATION/STAINING OBSERVED: <u>YES</u> / NO EXPLANATION - <u>~ 5'-6' BELOW PIT DEPRESSION</u> HC ODOR DETECTED: <u>YES</u> / NO EXPLANATION - <u>EXCAVATED SOIL</u> SAMPLE TYPE: <u>GRAB</u> / COMPOSITE - # OF PTS. <u>—</u> ADDITIONAL COMMENTS: _____		OVM CALIB. READ. <u>53.2</u> ppm OVM CALIB GAS = <u>100</u> ppm RE = <u>0.52</u> TIME: <u>10:52</u> am DATE <u>7/3/02</u>																																																																																																									
FIELD 418.1 CALCULATIONS																																																																																																											
SCALE  0 FT	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>SAMP. 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</th> <th>ppm</th> </tr> </thead> <tbody> <tr><td> </td><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><td> </td></tr> <tr><td> </td><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><td> </td></tr> <tr><td> </td><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><td> </td></tr> <tr><td> </td><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><td> </td></tr> <tr><td> </td><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><td> </td></tr> </tbody> </table>								SAMP. TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC	ppm																																																																																										
SAMP. TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC	ppm																																																																																																			
PIT PERIMETER	OVM RESULTS				PIT PROFILE																																																																																																						
	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>SAMPLE ID</th> <th>FIELD HEADSPACE PID (ppm)</th> </tr> </thead> <tbody> <tr><td>1 @ 8'</td><td>0.0</td></tr> <tr><td>2 @</td><td> </td></tr> <tr><td>3 @</td><td> </td></tr> <tr><td>4 @</td><td> </td></tr> <tr><td>5 @</td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table>		SAMPLE ID	FIELD HEADSPACE PID (ppm)	1 @ 8'	0.0	2 @		3 @		4 @		5 @												NOT APPLICABLE																																																																																		
	SAMPLE ID	FIELD HEADSPACE PID (ppm)																																																																																																									
	1 @ 8'	0.0																																																																																																									
	2 @																																																																																																										
	3 @																																																																																																										
	4 @																																																																																																										
	5 @																																																																																																										
LAB SAMPLES																																																																																																											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>SAMPLE ID</th> <th>ANALYSIS</th> <th>TIME</th> </tr> </thead> <tbody> <tr> <td>① 8'</td> <td>TPH (80158)</td> <td>1120</td> </tr> <tr> <td colspan="3" style="text-align: center;"><u>PASSED</u></td> </tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>		SAMPLE ID	ANALYSIS	TIME	① 8'	TPH (80158)	1120	<u>PASSED</u>																																																																																																			
SAMPLE ID	ANALYSIS	TIME																																																																																																									
① 8'	TPH (80158)	1120																																																																																																									
<u>PASSED</u>																																																																																																											
P.D. = PIT DEPRESSION; B.G. = BELOW GRADE T.H. = TEST HOLE; ~ = APPROX; B = BELOW TRAVEL NOTES: CALLOUT: <u>6/25/02-NOON</u> ONSITE: <u>6/25/02-EVENING 7/3/02-MORN.</u>																																																																																																											

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

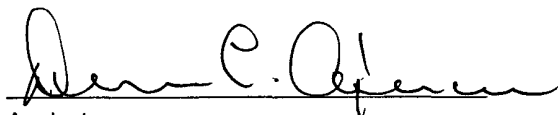
Client:	Blagg / XTO	Project #:	94034-010
Sample ID:	1 @ 9'	Date Reported:	07-08-02
Laboratory Number:	23233	Date Sampled:	07-03-02
Chain of Custody No:	9087	Date Received:	07-03-02
Sample Matrix:	Soil	Date Extracted:	07-08-02
Preservative:	Cool	Date Analyzed:	07-08-02
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

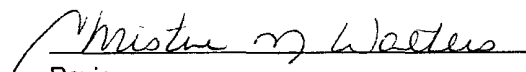
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

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: P.O. Pipkin #4 Separator Pit Grab Sample.


Analyst


Review

CHAIN OF CUSTODY RECORD

09087

Client / Project Name BLAGG / XTO			Project Location P.O. PIPKIN #4		ANALYSIS / PARAMETERS								
Sampler: NJV			Client No. 94034-010		No. of Containers 1	TPH (8015B) ✓						Remarks	
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix								PRESERVED COOL	
												GRAB SAMPLES	
① e 9'	7/3/02	1100	23232	SOIL	1	✓						BLOW/PRODUCTION TANK PIT	
① e 9'	7/3/02	1120	23233	SOIL	1	✓						SEPARATOR PIT	
Relinquished by: (Signature) <i>[Signature]</i>			Date 7/3/02	Time 1302	Received by: (Signature) <i>[Signature]</i>						Date 7-3-02	Time 1302	
Relinquished by: (Signature)					Received by: (Signature)								
Relinquished by: (Signature)					Received by: (Signature)								
ENVIROTECH INC. 5796 U.S. Highway 64 Farmington, New Mexico 87401 (505) 632-0615										Sample Receipt			
											Y	N	N/A
										Received Intact	✓		
										Cool - Ice/Blue Ice	✓		

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	07-08-TPH QA/QC	Date Reported:	07-08-02
Laboratory Number:	23232	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-08-02
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	04-25-02	2.7355E-002	2.7328E-002	0.10%	0 - 15%
Diesel Range C10 - C28	04-25-02	2.4557E-002	2.4508E-002	0.20%	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

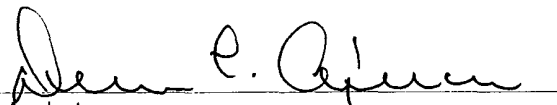
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	ND	ND	0.0%	0 - 30%
Diesel Range C10 - C28	ND	ND	0.0%	0 - 30%

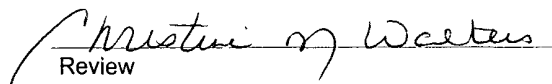
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	ND	250	250	100.0%	75 - 125%
Diesel Range C10 - C28	ND	250	250	100.0%	75 - 125%

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 23232 - 23236.


Analyst


Review

CLIENT: <u>XTO</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO <u>CT005</u> C.O.C NO <u>13387</u>
--------------------	--	---

FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION

LOCATION: NAME: <u>PIPKIN, P.O.</u> WELL #: <u>4</u> PITS: <u>SEP.</u>	DATE STARTED <u>2/10/05</u> DATE FINISHED _____
QUAD/UNIT: <u>K SEC: 17 TWP: 27N RNG: 10W PM: NM CNTY: SJ ST: NM</u>	ENVIRONMENTAL SPECIALIST: <u>NV</u>
QTR/FOOTAGE: <u>NELSW</u> CONTRACTOR: <u>VAUGHN (SHAW)</u>	

SOIL REMEDIATION: <u>(65)</u>
REMEDATION SYSTEM: <u>LANDFARM</u> APPROX. CUBIC YARDAGE: <u>50</u>
LAND USE: <u>RANGE - BLM</u> LIFT DEPTH (ft): <u>1-1.5</u>

FIELD NOTES & REMARKS:	NMCD RANKING SCORE: <u>0</u> NMCD TPH CLOSURE STD: <u>5000</u> ppm
DEPTH TO GROUNDWATER: <u>>100'</u> NEAREST WATER SOURCE: <u>>1000'</u> NEAREST SURFACE WATER: <u>>1000'</u>	

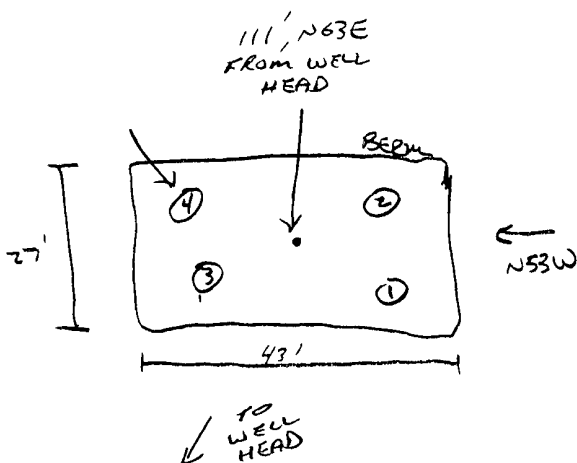
SOIL TYPE: <u>SAND</u> / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER _____
SOIL COLOR: <u>OK. YELL. ORANGE</u>
COHESION (ALL OTHERS): <u>NON COHESIVE</u> / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE
CONSISTENCY (NON COHESIVE SOILS): <u>LOOSE</u> / <u>FIRM</u> / DENSE / VERY DENSE
PLASTICITY (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: DRY / <u>SLIGHTLY MOIST</u> / MOIST / WET / SATURATED / SUPER SATURATED
DISCOLORATION/STAINING OBSERVED: YES / <u>NO</u> EXPLANATION - _____
HC ODOR DETECTED: YES / <u>NO</u> EXPLANATION - _____
SAMPLING DEPTHS (LANDFARMS): <u>6-15</u> (INCHES)
SAMPLE TYPE: GRAB / <u>COMPOSITE</u> - # OF PTS. <u>4</u>
ADDITIONAL COMMENTS: _____

CLOSED

FIELD 418.1 CALCULATIONS

SAMP. TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm

SKETCH/SAMPLE LOCATIONS



OVM CALIB. READ. 54.6 ppm
OVM CALIB. GAS = 100 ppm; RF = 0.52
TIME: 9:39 am DATE: 2/10/05

OVM RESULTS

LAB SAMPLES

SAMPLE ID	FIELD HEADSPACE PID (ppm)	SAMPLE ID	ANALYSIS	TIME	RESULTS
LF-1	0.0	LF-1	TPH (80/58)	15/5	1,510

P.C. - 7/3/02

SCALE



TRAVEL NOTES: CALLOUT: <u>N/A</u>	ONSITE: <u>2/10/05</u>
-----------------------------------	------------------------

revised: 07/16/01

bei1006A.skd

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

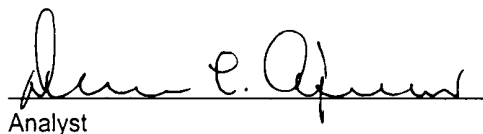
Client:	Blagg / XTO Energy	Project #:	94034-010
Sample ID:	LF - 1	Date Reported:	02-11-05
Laboratory Number:	32139	Date Sampled:	02-10-05
Chain of Custody No:	13387	Date Received:	02-11-05
Sample Matrix:	Soil	Date Extracted:	02-11-05
Preservative:	Cool	Date Analyzed:	02-11-05
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

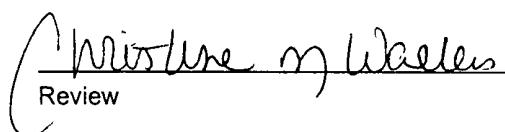
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	34.0	0.2
Diesel Range (C10 - C28)	1,480	0.1
Total Petroleum Hydrocarbons	1,510	0.2

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: **Pipkin, P. O. #4 Landfarm 4 Pt. Composite Sample.**


Analyst


Review

CHAIN OF CUSTODY RECORD

13387

Client / Project Name BLAGG / XTO ENERGY			Project Location PIPKIN, P.O. # 4		ANALYSIS / PARAMETERS								
Sampler: NJV			Client No. 94034-010		No. of Containers TPH (8015B)							Remarks	
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix								PRESERVED COOL	
LF-1	2/10/05	1515	32139	50/L	1	✓						4 PT. COMPOSITE SAMPLE	
Relinquished by: (Signature) [Signature]			Date 2/11/05	Time 0746	Received by: (Signature) M. Boshardt			Date 2/11/05	Time 0746				
Relinquished by: (Signature)					Received by: (Signature)								
Relinquished by: (Signature)					Received by: (Signature)								
ENVIROTECH INC. 5796 U.S. Highway 64 Farmington, New Mexico 87401 (505) 632-0615										Sample Receipt			
											Y	N	N/A
										Received Intact	✓		
										Cool - Ice/Blue Ice	✓		

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	02-11-05 QA/QC	Date Reported:	02-11-05
Laboratory Number:	32134	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	02-11-05
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept Range
Gasoline Range C5 - C10	02-04-05	8.9910E+002	9.0000E+002	0.10%	0 - 15%
Diesel Range C10 - C28	02-04-05	8.9820E+002	9.0000E+002	0.20%	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	76.1	76.8	1.0%	0 - 30%
Diesel Range C10 - C28	98.6	99.6	1.0%	0 - 30%

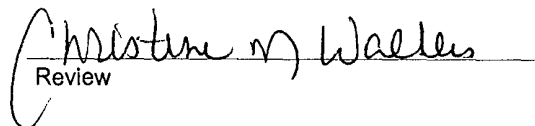
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
Gasoline Range C5 - C10	76.1	250	325	99.7%	75 - 125%
Diesel Range C10 - C28	98.6	250	348	99.7%	75 - 125%

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 32134 - 32139.


Analyst


Review