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

State of New Mexico Energy Minerals and Natural Resources

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

Form C-144

June 1, 2004

<u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505 Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

Is pit or below-grade tanl	de Tank Registration or Closur k covered by a "general plan"? Yes ⊠ No		
Type of action: Registration of a pit o	r below-grade tank Closure of a pit or below-grad	de tank 🗵	
Operator: XTO ENERGY INC.		il address:	
Address: 2700 FARMINGTON AVE BLDG. K. S	UITE 1. FARMINGTON. NM 8740)1	
•	API#: 30-045- 25585 U/L or Qtr/Q		
County: SAN JUAN Latitude 36.57940 Longitude 10	7.71939 NAD: 1927 🗌 1983 🛭 Surface Ov	vner Federal ☑ State ☐ Private ☐ Indian ☐	
Dia	Dalow guada task		
Pit Type: Drilling ☐ Production ☐ Disposal ☒ SEPARATOR	Below-grade tank Volume:bblType-ef-fluid: //		
Workover Emergency	Construction material		
Lined Unlined 🗵	Double-walled, with leak of tection? Yes 11 for	evolain why not	
Liner type: Synthetic Thicknessmil Clay _	Double waited, whithean offerings. Tes 20 if gr	a capitalit willy not.	
Pit Volumebbl			
	Less than 50 feet	(20 points)	
Depth to ground water (vertical distance from bottom of pit to seasonal	50 feet or more, but less than 100 feet	(10 points) 0	
high water elevation of ground water.)	100 feet or more	(0 points)	
William and the second of the 200 feet from a minute demands	Yes	(20 points)	
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	No	(0 points) 0	
water source, or less than 1000 feet from an other water sources.)	Less than 200 feet	(20 points)	
Distance to surface water: (horizontal distance to all wetlands, playas,	200 feet or more, but less than 1000 feet	(10 points)	
irrigation canals, ditches, and perennial and ephemeral watercourses.)	1000 feet or more	(0 points)	
	Ranking Score (Total Points)	0	
If this is a pit closure: (1) attach a diagram of the facility showing the pit's			
your are burying in place) onsite 🛛 offsite 🔲 If offsite, name of facility_			
remediation start date and end date. (4) Groundwater encountered: No 🛛 Y	es 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		67 74 CU - O C 7 70 CO	
Additional Comments: PIT LOCATED APPROXIMATELY		LL HEAD. 2025	
PIT EXCAVATION: WIDTH N/Aft., LENGTH	N/Aft., DEPTH N/Aft	MAR	
PIT REMEDIATION: CLOSE AS IS: ☑, LANDFARM: ☐, CO	OMPOST: 🔲, STOCKPILE: 🔲, OTHER 🔲 (ex	7 300	
Cubic yards: N/A			
BEDROCK BOTTOM, RISK ASSESSED			
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: 01/19/05	a general per mit, or all arter mative oce a	pproved plan 23.	
Date: 01/19/03			
PrintedName/Title Jeff Blagg - P.E. # 11607	simon Jeffy c 3	egy	
Your certification and NMOCD approval of this application/closure does n otherwise endanger public health or the environment. Nor does it relieve the			
regulations.			
Approval: DEPUTY OIL & GAS INSPECTOR, DIST. &	0	MAY 2 7 2006	
	gnature Jenny Louis	MAI & I LOUG	

2012

FIELD REPORT: PIT CLOSHEVER VERIFICATION PAGE NO. 13375 FIELD REPORT: PIT CLOSHEVER VERIFICATION PAGE NO. 1 of 1 page 10 page	BLAGG ENGINEERING, INC.	LOCATION NO:	CT 143
DOCATION: NAME: FLOCENCE WELL & CASE TYPE: SEP. QUADRUNIT: 8 SEC. 18 TWP: 77 N RNG SW PMN/M CNTY: 5T ST. JUM QUERTOOTAGE: 980 N 1760 E MOLKE CONTRACTOR: YELLO (MIKE) EXCAVATION APPROX. NA FT. X. NA FT. X. NA FT. DEEP. CUBIC YARDAGE: NA DISPOSAL FACILITY: DN 5 TE REMEDIATION METHOD: CLOSE AS IS LAND USE: PANSE BLM. LEASE: NM D3380 FORMATION: OR FIELD NOTES & REMARKS: PITLOCATED APPROXIMATELY LOS FT. NEE FROM WELLHEAD DEPTH TO GROUNDWATER: 2 100 NAMEST WATER SOURCE: 2 1000 PM MOCOR PRINCIPO SCORE: NAME OF THE CLOSURE STD: SOUL ON CAUB. READ = 33. C pmm MOCOR PRINCIPO SCORE: D. NAMOCO PRINCIPO CONSISTENCY (NON CONSISTENCY		COCR NO:	13375
CUADUNT B SEC 15 TWP. THE RIGE SEAD PINAME CONT. ST. ST. JAM. OTREPOTAGE 980 11760 12 AND JAK CONTRACTOR. KELCO (MIR.) EXCAVATION APPROX. JA. FT. X. JA. FT. X. JA. FT. DEEP. CUBIC YARDAGE: JAB. DISPOSAL FACILITY: DA ST. X. JA. FT. X. JA. FT. DEEP. CUBIC YARDAGE: JAB. DISPOSAL FACILITY: DA ST. LEASE: JAM. J3380 FORMATION: OR FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY LOS. FT. NGE FROM WELLHEAD. DEPTH TO GROUNDWATER: 2:TO NEAREST WATER SOURCE: 2/200 MEAREST SURFACE WATER: 2/200 PPM MINOCO RANKING SCORE: D. NMOCD THE CLOSURE STD. SOUL COLOR. NA CALIB. READ: 53.6 PPM MINOCO RANKING SCORE: D. NMOCD THE CLOSURE STD. SOUL COLOR. D. GRAPY (T. 1.2 SEUS). GRAPS SOIL AND EXCAVATION DESCRIPTION: DOWN CALIB. READ: 3.2 PPM SOIL AND EXCAVATION DESCRIPTION: DOWN CALIB. READ: 3.2 PPM MONTON COMESSING SOURCE: SUBJECT STORES OF COHESINE HIGHLY COHESINE HIGHLY COHESINE CONSISTENCY NON COMESSING SOUS GEORGE STD. SOUL COLOR. D. GRAPY (T. 1.2 SEUS). GRAPS COHESION (ALL OTHERS): MOMCOMESSING SIGNATURY COHESINE HIGHLY COHESINE HIGHLY COHESINE CONSISTENCY NON COHESING SOUS (COSS) (EMPLOYEE) SOUTH FRANCE SOUTH FR	FIELD REPORT: PIT CLOSURE VERIFICATION	PAGE No:	of10&
QUADUNITÉ É SEC. 19 TWE 11 TWE SUS PRAINT ONT SET ST. INTERPREDIATION OF THE CONTRACTOR KELLOS (MIRE) EXCAVATION APPROX. DA FT. X. DA FT. X. NA FT. DEEP. CUBIC YARDAGE: NA DISPOSAL FACILITY: 0.7 STE REMEDIATION METHOD: CLOSE ÀS IS LAND USE: 140 NESE - 84 N. DESEE: NM DESECUENT NA DISPOSAL FACILITY: 0.7 STE REMEDIATION METHOD: CLOSE ÀS IS LAND USE: 140 NESE - 84 N. DESEE: NM DESECUENT NA DISPOSAL FACILITY: NA FT. X. DA FT. X. NA FT. DEEP. CUBIC YARDAGE: NA DISPOSAL FACILITY: NA FT. X. DA FT. X. NA FT. DEEP. CUBIC YARDAGE: NA DISPOSAL FACILITY: NA FT. X. DA FT. X. NA FT. DEEP. CUBIC YARDAGE: NA DISPOSAL FACILITY: NA FT. X. DA FT. X. NA FT. DEEP. CUBIC YARDAGE: NA DISPOSAL FACILITY: NA FT. X. DA FT. X. NA FT. DEEP. CUBIC YARDAGE: NA NACCORANICAS SORE D. NEAREST WATER SOURCE: 2 D. DO NEAREST SURFACE WATER. > 1.0 DO NAMICALIS GAS = 1.0 D. DOM OWN CALIS GAS = 1.0 D. DOM OWN CAL	LOCATION: NAME: FLORANCE WELL#: 66E TYPE: SEP.		1/14/05
SOIL TYPE SAMP IS STATEMENT OF		_	
DISPOSAL FACILITY: DA SITE REMEDIATION METHOD: CLOSE AS IS LAND USE: NOT APPLICABLE PROM WELLHEAD. DEPTH TO GROUNDWATER: PROM WELLHEAD. NEAREST SURFACE WATER: NOCO THAT CLOSURE STD: LOOD NEAREST SURFACE WATER: NOCO THAT CLOSURE STD: LOOD NEAREST SURFACE WATER: NOW CALLIB. READ: S. LOOD NOW CALLIB. READ: S. LOOD NOW COME OF PM SOIL AND EXCAVATION DESCRIPTION: SOIL TYPE SAND / SILTY SAND / SILTY SAND / SILTY CLAY / CLAY / CRAY / CAP / CRAY SOIL COLORS ON (ALL OTHERS): SOIL COLORS ON (ALL OTHERS): LOOD SAND / SILTY SAND / SILTY SAND / SILTY COLAY / CRAY / CRAY / CAP / CRAY SOIL COLORS ON (ALL OTHERS): CONSISTENCY (NON COMESSIVE SOILS): COSSESSIVE / COLORS ON (ALL OTHERS): CONSISTENCY (NON COMESSIVE SOILS): COSSESSIVE / COLORS ON (ALL OTHERS): CONSISTENCY (NON COMESSIVE SOILS): COSSESSIVE / COLORS ON (ALL OTHERS): CONSISTENCY (NON COMESSIVE SOILS): COSSESSIVE / COLORS ON (ALL OTHERS): CONSISTENCY (NON COMESSIVE SOILS): COSSESSIVE / COLORS ON (ALL OTHERS): CONSISTENCY (NON COMESSIVE SOILS): COSSESSIVE / COLORS ON (ALL OTHERS): CONSISTENCY (NON COMESSIVE / COST / COHESSIVE / HIGHLY COHESSIVE CONSISTENCY (NON COMESSIVE / COST / COHESSIVE / HIGHLY COHESIVE CONSISTENCY (NON COMESSIVE / COST / COHESSIVE / HIGHLY COHESIVE CONSISTENCY (NON COMESSIVE / COST / COHESSIVE / HIGHLY COHESIVE CONSISTENCY (NON COMESSIVE / COST / COHESSIVE / HIGHLY COHESIVE CONSISTENCY (NON COMESSIVE / COST / COHESSIVE / HIGHLY COHESIVE CONSISTENCY (NON COHESSIVE / COST / COHESSIVE / HIGHLY COHESIVE CONSISTENCY (NON COHESSIVE / COST / COHESSIVE / HIGHLY COHESIVE CONSISTENCY (NON COHESSIVE / COST / COHESSIVE / HIGHLY COHESIVE CONSISTENCY (NON COHESSIVE / COST / COHESSIVE / HIGHLY COHESIVE CONSISTENCY (NON COHESSIVE / COST / COHESSIVE / HIGHLY COHESIVE CONSISTENCY (NON COHESSIVE / COST / COHESSIVE / HIG	QTR/FOOTAGE: 980 / 1760 E NW/NE CONTRACTOR: KELED (MIKE)		NV
LAND USE: LANSE - BLIM LEASE: MM 03380 FORMATION: DK FIELD NOTES & REMARKS: PITLOCATED APPROXIMATELY LOS FT. NGE FROM WELLHEAD. DEPTH TO GROUNDWATER: >1000 NEAREST WATER SOURCE: >10000 NEAREST SURFACE WATER: >1000 NEAREST WATER SOURCE: >10000 NEAREST WATER: >10000 NEAREST WATER SOURCE: >10000 NEAREST WATER: >10000 NEAREST WATER SOURCE: >100000 NEAREST WATER SOURCE: >100000 NEAREST WATER SOURCE: >100000 NEAREST WATER		YARDAGE: _	_ A4
FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 105 FT. NGE FROM WELLHEAD. DEPTH TO GROUNDWATER: \$100 NEAREST WATER SOURCE: \$1000 NEAREST SURFACE WATER: \$1000 NEAREST SURFACE WATER		Croze	
DEPTH TO GROUNDWATER: 2100 NEAREST WATER SOURCE: 21000 NEAREST SURFACE WATER: 21000 NMOCD PARKING SCORE: D NMOCD THICLOSURE STD: 5000 PPM SOIL AND EXCAVATION DESCRIPTION: SOIL TYPE SAMP SILTY SAND / SILTY SILTY CLAY / CLAY / GRAVEL / OTHER SILTS SOURCE TIME: 8:55 GPM DATE: //Y/O5 SOIL COURS: D SILTY SAND / SILTY SILTY CLAY / CLAY / GRAVEL / OTHER SILTS SOURCE SILTS SOURCE TIME: 8:55 GPM DATE: //Y/O5 SOIL COURS: D SILTY SAND / SILTY SILTY CLAY / CLAY / GRAVEL / OTHER SILTS SOURCE SOURCE SILTS SOURCE SILTS SOURCE SOURCE SILTS SOURCE SOURCE SILTS SOURCE SOURCE SILTS SOURCE SILTS SOURCE SOURCE SOURCE SILTS SOURCE SOURCE SOURCE SILTS SOURCE SOURCE SOURCE SOURCE SILTS SOURCE			
NMOCD RANKING SCORE: NMOCD THE CLOSURE STD: SOUR	FIT LOOK LED AFFICONIMATELY		,
SOIL AND EXCAVATION DESCRIPTION: OVM CALIB. READ = 53.6 ppm OVM CALIB. GAS = 100 ppm RF = 0.52 TIME: \$1.55 @ppm DATE: 1/14/05 SOIL TYPE (SAMP) / SILTY SAND / SILTY SILTY CLAY / CLAY / GRAVEL / OTHER SOIL COLOR ON GALIB. READ = 53.6 ppm OVM CALIB. GAS = 100 ppm ATE: 1/14/05 SOIL TYPE (SAMP) / SILTY SAND / SILTY CLAY / GRAVEL / OTHER SOIL COLOR ON GALIB. READ = 53.6 ppm OVM CALIB. GAS = 100 ppm ATE: 100 ppm ATE: 100 ppm ATE: 100 ppm ATE: 1/14/05 SOIL TYPE (SAMP) / SILTY SAND / SILTY CLAY / GRAVEL / OTHER CONSISTENCY (NON COMESSUE) SILOHTLY COMESSUE / RIGHLY COMESSUE CONSISTENCY (NON COMESSUE) SOIL / FIRM STIF / VERY STIF / HARD ON SITURE 100 PLANTS (O SILTY PLASTIC / COMESSUE / MEDIUM PLASTIC / HIGHLY COMESSUE CONSISTENCY (NON COMESSUE) SOFT / FIRM STIF / VERY STIF / HARD ON SITURE 100 PLASTIC / SILGHTLY PLASTIC / COMESSUE / HIGHLY COMESSUE CONSISTENCY (NON COMESSUE) SOFT / FIRM STIF / VERY STIF / HARD ONSTITURE 100 PLASTIC / SILGHTLY PLASTIC / COMESSUE / HIGHLY COMESSUE / HIGHLY COMESSUE / HIGHLY PLASTIC / HIGHLY		E WATER:	300
SOIL TYPE SAND / SILTY CLAY / CRAYEL / OTHER SOIL COLOR DK. SCAY CT - 12. SELDEN SOIL STORE SILE SAND / SILTY SAND / SILTY SAND / SILDY SILE STORE SILE SAND / SILE	OVM CALIB READ	= 53 6 nnm	
SOIL TYPE SAND / SILTY SAND / SILTY CLAY / CLAY / CRAYEL / OTHER SOIL COLOR DECOLOR DESCRIPTION OF SAND SILTY SILTY CLAY / CLAY / GRAVEL / OTHERS SOIL COLOR DESCRIPTION OF SAND SILDY (10-12) SECURITY SILTY CLAY / CHESVE / COHESVE / CO	SOIL AND EXCAVATION DESCRIPTION: OVM CALIB. GAS =	/00 ppm	
SOIL COLOR: D. GRAY (7-17' RELIES SEADE) COMESION (ALL OTHERS): MAN CALLESIZE'S JUSTICY COHESIVE / HIGHLY COHESIVE CONSISTENCY (NON COHESIVE SOILS): (OOS) (RED) DENSE / VERY DENSE CONSISTENCY (NON COHESIVE SOILS): (OOS) (RED) DENSE / VERY DENSE CONSISTENCY (NON COHESIVE SOILS): (OOS) (RED) DENSE / VERY DENSE CONSISTENCY (NON COHESIVE SOILS): (OOS) (RED) DENSE / VERY DENSE / LOCATION COMMENTS IN OR PLASTIC / SLIGHTLY PLASTIC COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC CHESIVE / HARD MOISTURE: DRY / SLIGHTLY MOIST / MOIST / NEW STEP / HARD MOISTURE: DRY / SLIGHTLY MOIST / MOIST		and/pm DATE:	1/14/05
CONSISTENCY (NON COHESINE SOLIS) (GOS) (EMP) DENSE / VERY DENSE THASTICHTY (CHATS): NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC DENSITY (COLUESINE CHAMPA SHAS): SOFT / FIRM / STIFF / VERY STIFF / HARD RISTY (COLUESINE CHAMPA SHAS): SOFT / FIRM / STIFF / VERY STIFF / HARD RISTY (COLUESINE CHAMPA SHAS): SOFT / FIRM / STIFF / VERY STIFF / HARD RISTY (COLUESINE CHAMPA SHAS): SOFT / FIRM / STIFF / VERY STIFF / HARD RISTY (COLUESINE CHAMPA SHAS): SOFT / FIRM / STIFF / VERY STIFF / HARD RISTY (COLUESINE CHAMPA SHAS): SOFT / FIRM / STIFF / VERY STIFF / HARD RISTY (COLUESINE CHAMPA SHAS): SOFT / FIRM / STIFF / VERY STIFF / HARD RISTY (COLUESINE CHAMPA SHAD): SOFT / FIRM / STIFF / VERY STIFF / HARD RISTY / COLUESINE CHAMPA SHAD): SOFT / FIRM / STIFF / VERY STIFF / HARD RISTY / COLUESINE CHAMPA SHAD / CALC / HOLD / WEIGHT (S) MADE / MALTYSIS TIME RISTY / COLUESINE CHAMPA SHAD / CALC / COLUENTONS SCALE SAMP. TIME SAMP. ID LAB NO. WEIGHT (S) ML FREON DILUTION READING CALC. (ppm) PIT PERIMETER PIT PERIMETER RISTY / COLUESINE CHAMPA SHAD / CALC / COLUENTONS SAMPLE / FIELD 418.1 CALCULATIONS LAB SAMPLES SAMPLE / FIELD /	SOIL TYPE SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER		
PENSITY (COMESING CAMPS 20176): SOFT FIRM (STIFF / VERY STIFF / HARD DENSITY (COMESING CAMPS 20176): SOFT / FIRM (STIFF / VERY STIFF / HARD MOISTURE: DRY SLIGHTLY MOISY MOISY (MED) SATURATED / SUPER SATURATED DISCOLORATION/STAINING OBSERVED (TEX) NO EXPLANATION - EATHER TEST HOLE INTERVAL. HE CODOR DETECTED (TEST) NO EXPLANATION - EATHER TEST HOLE INTERVAL. SAMPLE TYPE: (CRAB) COMPOSITE: 4 OF PTS. ADDITIONAL COMMENTS: MOSTRUCTED OF PTS. SCALE SAMP. TIME SAMP. ID LAB NO. WEIGHT (8) INL FREON DILUTION READING CALC. (ppm) O FT PIT PERIMETER N PIT PROFILE OVM READING SAMPLE FIELD HEADSPACE (ppm) 1	COHESION (ALL OTHERS): HON COHESIVE / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE		
DENSITY (COHESULE CLAYGO SHEE): SOFT / FIRM / STIFF / VERY STIFF / HARD MOISTURE: DRY / SLIGHTLY MOIST (MOIST) (MOIST			
DISCOLORATION/STAINING OBSERVED (TESTNO EXPLANTION. ENTILE TEST HOLE INTERVAL.) HC ODOR DETECTED (YES) NO EXPLANATION. TEST HOLE of DUM, YAMPLE SAMPLE TYPE (OFFIABLE OFFIS.) ADDITIONAL COMMENTS: INSTRUCTED OFFIRMTOR TO DULTE AFRATE DUM TO DURIDICAL EXTENT OF EXTENDRICE LEAVE IN PLACE FIELD 418.1 CALCULATIONS SCALE SAMP. TIME SAMP. ID LAB NO. WEIGHT (g) mL FREON DILUTION READING CALC. (ppm) O FT PIT PERIMETER N OVM READING SAMPLE FIELD HADSPACE (g/m) 1	DENSITY (COHESIVE GLAYS & SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARD	RISK AS	SESSED
HC ODOR DETECTED (FES) NO EXPLANATION. TEST HOLE & DUM SAMPLE SAMPLE TYPE: GRAD COMPOSITE & SOF PTS. ADDITIONAL COMMENTS: INSTRUCTED OF PRATTER TO DILLYE AFRATE DOWN TO DESCRICE EXTENT OF EXTENDALICE LERVE IN PLACE FIELD 418.1 CALCULATIONS SCALE SAMP. TIME SAMP. ID LAB NO. WEIGHT (g) mL FREON DILUTION READING CALC. (ppm) O FT PIT PERIMETER N P.D. "6' READING SAMPLE FIELD HEADSPACE (ppm) 1@ 12' 759 2@ 3@ 4@ 5@ SAMPLE SAMPLES SAMPLE SAMPLES SAMPLE ANALYSIS TIME DELY THE COURSE LAB SAMPLES SAMPLE ANALYSIS TIME DELY THE COURSE LAB SAMPLES SAMPLE ANALYSIS TIME DELY THE COURSE LAB SAMPLES SAMPLE ANALYSIS TIME DELY THE COURSE SAMPLE ANALYSIS TIME DELY THE COURSE SAMPLE SAMPLES SAMPLE ANALYSIS TIME DELY THE COURSE SAMPLES SAMPLE ANALYSIS TIME DELY THE COURSE SAMPLES			
ADDITIONAL COMMENTS: MSTRUCTED SPECIFIC TO DILUTE! ARRATE DOWN TO DIRECTED FOR EXTENDRICE FLEDRE IN PLACE FIELD 418.1 CALCULATIONS SCALE SAMP. TIME SAMP. ID LAB NO. WEIGHT (g) mL FREON DILUTION READING CALC. (ppm) O FT PIT PERIMETER 9.9. "6" 8.6. SAMPLE FIELD HEADSPACE (ppm) 1 (a) 12	HC ODOR DETECTED: YES) NO EXPLANATION - TEST HOLE & DUM JAMPLE		
SCALE SAMP. TIME SAMP. ID LAB NO. WEIGHT (g) mL FREON DILUTION READING CALC. (ppm) O FT PIT PERIMETER 9.9.76 READING SAMPLE FIELD HEADSPACE (ppm) 1.06 1.06 1.07 1.07 1.07 1.07 1.07 1.07 1.07 1.07	SAMPLE TYPE: GRAB COMPOSITE - # OF PTS	DRAFTICAL EX	TENT OF
SCALE SAMP. TIME SAMP. ID LAB NO. WEIGHT (g) mL FREON DILUTION READING CALC. (ppm) PIT PERIMETER P. D. ~6 g. 6 SAMPLE FIELD HEADSPACE (ppm) 1.@ 12. 75.9 2.@ 3.@ 4.@ 5.@ 5.@ 5.@ 5.@ 5.@ 5.@ 5.@ 5.@ 5.@ 5			
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PIT PERIMETER P.D. ~6 g. 6 SAMPLE FIELD HEADSPACE (ppm) 1@ 1z' 759 2@ 3@ 4@ 5@ 5@ 5@ 5@ 5@ 5@ 5@ 5@ 5@ 5@ 5@ 5@ 5@	COME	TION READING	CALC. (ppm)
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READING SAMPLE FIELD HEADSPACE ID (ppm) 1 @ 12 359 2 @ 3 @ 4 @ 5 @ SAMPLES SAMPLES SAMPLE ANALYSIS TIME ID 12 TPH (20158) 03945 " GTCX (80218)" BOTH FOLLOW		IT DDOELL	
SAMPLE (ppm) 1.0 12 759 2.0 3.0 4.0 5.0 5.0 5.0 5.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1		II PROFIL	
SAMPLE (ppm) 1.0 12 759 2.0 3.0 4.0 5.0 5.0 5.0 5.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1	READING		1
T.H. A 6' 8.P.D. LAB SAMPLES SAMPLE ANALYSIS TIME DE12' TPH (80158) 0845 " 8TEX (80218)" BOTH FOILED BOTH FOILED	SAMPLE FIELD HEADSPACE ID (ppm)		
B.P.D. SEP LAB SAMPLES SAMPLE ANALYSIS TIME OCIZ' TPH (30158) 0845 "STEX (80218)" P.D. = PIT DEPRESSION: B.G. = BELOW GRADE: B. = BELOW BOTH FOLLED)	1@ 12 359		
SEP LAB SAMPLES SAMPLE ANALYSIS TIME DE12 TPH (80158) 0845 " BTEX (80218) " BOTH FOLLED BOTH FOLLED	3@		
B.P.D. LAB SAMPLES SAMPLE ANALYSIS TIME OCIZ' TPH (80158) 0845 " BTEX (80218) " BOTH FOLLED	5@		
LAB SAMPLES SAMPLE ANALYSIS TIME DE12 TPH (80158) 0845 " BTEX (80218) " BOTH FOLLED	72	1 00 1 0 A	DI E
SEP SAMPLE ANALYSIS TIME DEIZ' TPH (80158) 0845 " BTEX (80218) " P.D. = PIT DEPRESSION: B.G. = BELOW GRADE: B. = BELOW BOTH FOLLED	5.7.0.	APPEICH	<i>b c</i> .
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SEP SAMPLE ANALYSIS TIME DEIZ TPH (80158) 0845 " BTEX (80218) " P.D. = PIT DEPRESSION: B.G. = BELOW GRADE: B. = BELOW	LAD CAMPLES		
P.D. = PIT DEPRESSION: B.G. = BELOW GRADE: B. = BELOW BOTH FOLLED BOTH FOLLED	SAMPLE ANALYSIS TIME		1
P.D. = PIT DEPRESSION: B.G. = BELOW GRADE: B. = BELOW BOTH FOILED BOTH FOILED	De12 TPH (80158) 0845		İ
IP.D. = PIT DEPRESSION: B.G. = BELOW GRADE: B = BELOW	weap		ļ
TRAVEL NOTES: CALLOUT: 1/14/05-MORN. ONSITE: 1/14/05-MORN.	IP.D. = PIT DEPRESSION: B.G. = BELOW GRADE: B = RELOW		



EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client:	Blagg / XTO Energy	Project #:	94034-010
Sample ID:	1 @ 12'	Date Reported:	01-19-05
Laboratory Number:	31689	Date Sampled:	01-14-05
Chain of Custody No:	13375	Date Received:	01-14-05
Sample Matrix:	Soil	Date Extracted:	01-18-05
Preservative:	Cool	Date Analyzed:	01-19-05
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	6,510	0.2
Diesel Range (C10 - C28)	30.6	0.1
Total Petroleum Hydrocarbons	6,540	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:

Florance #66E Separator Pit Grab Sample.

Analyst C. Car

Muster m Wasters
Review



EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg / XTO Energy	Project #:	94034-010
Sample ID:	1 @ 12'	Date Reported:	01-19-05
Laboratory Number:	31689	Date Sampled:	01-14-05
Chain of Custody:	13375	Date Received:	01-14-05
Sample Matrix:	Soil	Date Analyzed:	01-19-05
Preservative:	Cool	Date Extracted:	01-18-05
Condition:	Cool & Intact	Analysis Requested:	BTEX

VVIII - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1		Det.
	Concentration	Limit
Parameter	(ug/Kg)	(ug/Kg)
Benzene	795	1.8
Toluene	32,580	1.7
Ethylbenzene	5,710	1.5
p,m-Xylene	20,050	2.2
o-Xylene	10,110	1.0
Total BTEX	69,250	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	99 %
	1,4-difluorobenzene	99 %
	Bromochlorobenzene	99 %

References:

Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA,

December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846,

USEPA, December 1996.

Comments:

Florance #66E Separator Pit Grab Sample.

Alex C. Oxland

Motere n Walters
Review