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

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

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

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 of	or below-grade tank [ Closure of a pit or below-g	rade tank 🔯	
Operator: XTO ENERGY INC.	Telephone: (505)-324-1090 e-n	nail address:	
Operator: XTO ENERGY INC.  Address: 2700 FARMINGTON AVE BLDG. K. S	SUITE 1. FARMINGTON, NM 874	401	
Facility or well name: FEDERAL GC F#1E			т 27N р 12W
	8.14946 NAD: 1927 ☐ 1983 ⊠ Surface		
County. State County Lande County Longitude 19	NAD. 1927 1963 & Surface	Owner rederat 🔼 State	Frivate Illutati
<u>Pit</u>	Below-grade tank		
Type: Drilling Production Disposal M ABANDONED	Volume:bbl_Type of fluid: /		
Workover	Construction materia	<del>\-</del>	
Lined Unlined 🛛	Double-walled, with leak of tection? Yes 1 If	t, explain why not.	
Liner type: Synthetic Thicknessmil Clay [		·····	
Pit Volumebbl			
Dott to an advantage of the second	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)	
W. W. J	Yes	(20 points)	
Wellhead protection area: (Less than 200 feet from a private domestic	No	( 0 points)	0
water source, or less than 1000 feet from all other water sources.)			
Distance to surface water: (horizontal distance to all wetlands, playas,	Less than 200 feet	(20 points)	
irrigation canals, ditches, and perennial and ephemeral watercourses.)	200 feet or more, but less than 1000 feet	(10 points)	0
	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	s relationship to other equipment and tanks. (2) Indi	cate disposal location: (	check the onsite box if
your are burying in place) onsite \( \square\) offsite \( \square\) If offsite, name of facility		l description of remedial	action taken including
remediation start date and end date. (4) Groundwater encountered: No 🔯			
Attach soil sample results and a diagram of sample locations and excavation		- <u>-</u> -	25 25 25 27
Additional Comments: PIT LOCATED APPROXIMATEL		ELL HEAD.	200 1 100 100 100 100 100 100 100 100 10
PIT EXCAVATION: WIDTH n/a ft., LENGTH		ا کام	MADO
PIT REMEDIATION: CLOSE AS IS: ☒, LANDFARM: ☐, C		195	OF RECEIVED
Cubic yards: n/a			JUNE TO
STEEL TANK TO BE INSTALLED		VIE C	CAST, STORY,
STEED TANK TO BE INSTABLED		- Per	6,
I hereby certify that the information above is true and complete to the best	of my knowledge and belief. I further certify tha	t the above-described p	t or below-grade tank
has been/will be constructed or closed according to NMOCD guideline			CIL, U. O.B
Date: 09/21/04			
		<b></b>	
PrintedName/Title Jeff Blagg – P.E. # 11607	Signature Joffen C.	seg-	
Your certification and NMOCD approval of this application/closure does	not relieve the operator of liability should the conter	nts of the pit or tank conta	 aminate ground water or
otherwise endanger public health or the environment. Nor does it relieve regulations.			
	1 -1		
Approval: Printed Name/TitleS	ignature Bank Hall	M	AR 2 7 2006
Printed Name/Title S	ignature / pupe / W	Date:	

36.58471/108.14946 30045 22245 BLAGG ENGINEERING, INC. LOCATION NO: CTO87 CYX P.O. BOX 87, BLOOMFIELD, NM 87413 CLIENT: 12962 COCR NO: (505) 632-1199 FIELD REPORT: PIT CLOSURE VERIFICATION PAGE NO. DATE STARTED: 9-17-09 LOCATION: NAME: FEDERAL GC F WELL#: 1 E TYPE: ABAUDU DATE FINISHED: 9-17-04 QUAD/UNIT: (1) SEC: 7 TWP:27N RNG: 12W PM: NM CNTY: SJ ST: NM ENVIRONMENTAL QTR/FOOTAGE: 790'S /1850'E SWISE CONTRACTOR: MD (HELSER) ICB SPECIALIST: EXCAVATION APPROX. NA FT. x NA FT. x NA FT. DEEP. CUBIC YARDAGE: DISPOSAL FACILITY: \_ REMEDIATION METHOD: LEASE: NM 01499108 LAND USE: RAVGE FORMATION: DK FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 126 FT. N 19W FROM WELLHEAD. DEPTH TO GROUNDWATER: > 600 NEAREST WATER SOURCE: 7000 NEAREST SURFACE WATER: 7000 NMOCD RANKING SCORE: \_\_\_\_\_ NMOCD TPH CLOSURE STD: 5000 PPM OVM CALIB. READ. = 52-7 ppm **SOIL AND EXCAVATION DESCRIPTION:** OVM CALIB. GAS = 100 ppm TIME: 08/5 (am)pm DATE: 9-17-04 SOIL TYPE SAND SILTY SAND I SILT I SILTY CLAY I CLAY I GRAVEL I OTHER Kellow TAN SOIL COLOR: COHESION (ALL OTHERS): (NON COHESIVE) SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE CONSISTENCY (NON COHESIVE SOILS) LOOSE LPIRM / DENSE / VERY DENSE PLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC DENSITY (COHESIVE CLAYS & SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARD crozeo MOISTURE DRY LELIGHTLY MOIST / MOIST / WET SATURATED / SUPER SATURATED DISCOLORATION/STAINING OBSERVED: YES NO EXPLANATION -HC ODOR DETECTED: YES NO EXPLANATION -SAMPLE TYPE GRAB COMPOSITE - # OF PTS. 10 x 10 x 2 Deep Abandon Earther lix ADDITIONAL COMMENTS: Use baltime to dig - NO contandiation - will Set 95 BBL O tant here. FIELD 418.1 CALCULATIONS SCALE WEIGHT (g) | mL FREON | DILUTION READING | CALC. (ppm) SAMP. TIME SAMP, ID LAB NO. FT PIT PROFILE PIT PERIMETER OVM READING SAMPLE FIELD HEADSPACE 1@6 < 100 2@ 3 @ 4@ 10 LAB SAMPLES 丁H ANALYSIS TIME TOM 1135 Sample PASSED P.D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW T.H. = TEST HOLE; ~ = APPROX; T.B. = TANK BOTTOM TRAVEL NOTES: ONSITE: 9-17-04 1100 CALLOUT:



Client:	Blagg / XTO	Project #:	94034-010
Sample ID:	1 @ 6'	Date Reported:	09-21-04
Laboratory Number:	30508	Date Sampled:	09-17-04
Chain of Custody No:	12962	Date Received:	09-17-04
Sample Matrix:	Soil	Date Extracted:	09-18-04
Preservative:	Cool	Date Analyzed:	09-20-04
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:

Federal GC F #1E Abandon Pit.

Mistine of Walter

Paview Ross

District I 1625 N. French Dr., Hobbs, NM 88240 District III
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**

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

Form C-144 June 1, 2004

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

Pit	or E	Below-	-Grade	Tank	Re	gistr	ation	or	Clos	ure
					_					

	k covered by a "general plan"? Yes 🔀 No r below-grade tank 🔲 Closure of a pit or below-grade	
Operator: XTO ENERGY INC.  Address: 2700 FARMINGTON AVE BLDG. K. S  Facility or well name: FEDERAL GC F#1E  County: SAN JUAN Latitude 36.58471 Longitude 103	API#: 30-045- 25245 U/L or Qtr/Q	)1
<u>Pit</u>	Below-grade tank	
Type: Drilling Production Disposal BLOW  Workover Emergency Lined Unlined Liner type: Synthetic Thickness mil Clay  Pit Volume bbl	Volume:bbl_Type of fluid:  Construction materia:  Double-walled, with leak detection? Yes If	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 50 feet or more, but less than 100 feet 100 feet or more	(20 points) (10 points) ( 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 No	(20 points) ( 0 points)
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet 200 feet or more, but less than 1000 feet 1000 feet or more	(20 points) (10 points) ( 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 ☑ YAttach soil sample results and a diagram of sample locations and excavations.  Additional Comments: PIT LOCATED APPROXIMATELY	. (3) Attach a general degree If yes, show depth below ground surface s.  Y 204 FT. N26E FROM WE	escription of remedial action taken including ft. and attach sample results. (5)  LL HEAD.
PIT EXCAVATION: WIDTH <b>n/a</b> ft., LENGTH  PIT REMEDIATION: CLOSE AS IS: ☑, LANDFARM: ☐, C  Cubic yards: <b>n/a</b>		
BEDROCK BOTTOM		
I hereby certify that the information above is true and complete to the best has been/will be constructed or closed according to NMOCD guideline	of my knowledge and belief. I further certify that the Solon, a general permit □, or an alternative OCD-a	he above-described pit or below some tank
Date:09/21/04  PrintedName/TitleJeff Blagg - P.E. # 11607  Your certification and NMOCD approval of this application/closure does notherwise endanger public health or the environment. Nor does it relieve the regulations.		of the pit or tank contaminate ground water or
Approval: Printed Name/Title OIL 8 GAS INSPECTOR, DIST. Significant State of the Control of the	enature BABA	Date:HAR 2 7 2006

	3G ENGINEERING, IN	C. LOCATION NO: CTO87
CLIENT: XTO P.O. BOX	87, BLOOMFIELD, NI	W 87413
	(505) 632-1199	COCR NO: 12962
FIELD REPORT: PIT CL	OSURE VERIFICA	TION PAGE No: of
LOCATION: NAME: FEDERAL GC F	WELL#: 1 E TYPE: 13	DATE STARTED: 9-17-04
QUAD/UNIT: O SEC: 7 TWP: 27 N RNO		DATE EINIGHED 5 - 17-714
		ENVIRONMENTAL
	CONTRACTOR: HD ( HEB	
EXCAVATION APPROXA FT. x	<u><i>NA</i></u> FT. x <u><i>NA</i></u> FT. DE	EP. CUBIC YARDAGE:
· · · · · · · · · · · · · · · · · · ·	REMEDIATION	
	LEASE: NM 0149968	FORMATION:
FIELD NOTES & REMARKS: PIT LOC	ATED APPROXIMATELY 204	FT. N 26E FROM WELLHEAD.
DEPTH TO GROUNDWATER: >100 NEAREST W.	ATER SOURCE: >/OUQ NE	AREST SURFACE WATER:>/¿
NMOCD RANKING SCORE: NMOCD TPH	CLOSURE STD: Sour PPM	F2 7
SOIL AND EXCAVATION DESCRIPT	1/ 3K1:	M CALIB. READ. = $52.7$ ppm M CALIB. GAS = $100$ ppm RF = 0.52
	<del></del>	E: 09/5 (any)pm DATE: 9/17
SOIL TYPE SAND SILTY SAND SILT SILTY	<b>L</b>	
SOIL COLOR:		
COHESION (ALL OTHERS): NON COHESIVE / SLIGHTL' CONSISTENCY (NON COHE <del>SIVE SOILS</del> ): LOOSE / FIRM		SIVE
PLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLAS		ILY PLASTIC
DENSITY (COHESIVE CLAYS & SILTS): SOFT / FIRM / ST		
MOISTURE: DRY / SLIGHTLY MOIST / MOIST / WET / SA	TURATED / SUPER SATURATED	(CF02ED)
DISCOLORATION/STAINING OBSERVED: YES / NO EXI	PLANATION -	
HC ODOR DETECTED: YES / NO EXPLANATION -		
SAMPLE TYPE: GRAB / COMPOSITE - # OF PTS ADDITIONAL COMMENTS:	- 42 x 42 x 4 Dee	S EARTHEN PIT. USE
(BEDROCK)		+ TRENDY, FIRM BEDFOCK SS
Bottom		E. No Contaviretien.
SCALE -	FIELD 418.1 CALCULATI	ONS
SCALE SAMP. TIME SAMP. ID	LAB NO.   WEIGHT (g)   mL F	REON DILUTION READING CALC. (ppm)
O FT		
N PIT PERIMETER	_	PIT PROFILE
I TH, PD	OVM	
42'	READING SAMPLE FIELD HEADSPACE	
	ID (ppm)	
( \ \07	1@ 6° 0.0 2@ 6° 0.0	
	3@6' 0.0	47.
/ / A´	4 @ T	
A /②/ 42		
	,	A
	4	1
		16
		1
3		·
3	LAB SAMPLES	· T
3	LAB SAMPLES	BEDROCK S.S.
3	LAB SAMPLES  SAMPLE ANALYSIS TIME  (2) 06 TOM UIS	BEDROOK S.S.
3	LAB SAMPLES  SAMPLE ANALYSIS TIME  (2) 96 TOM UIS	BEDROCK S.S.
P.D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW T.H. = TEST HOLE; ~ = APPROX; T.B. = TANK BOTTOM	LAB SAMPLES  SAMPLE ANALYSIS TIME  (2) 96 TOM UIS	BEDROCK S.S.
P.D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW	LAB SAMPLES  SAMPLE ANALYSIS TIME  (2) 96 TOM UIS	

to a suppression of



Gasoline Range (C5 Diesel Range (C10 -	·	ND ND	0.2 0.1
Parameter		Concentration (mg/Kg)	Det. Limit (mg/Kg)
Client: Sample ID: Laboratory Number: Chain of Custody No: Sample Matrix: Preservative: Condition:	Blagg / XTO 2 @ 6' 30507 12962 Soil Cool Cool and Intact	Project #: Date Reported: Date Sampled: Date Received: Date Extracted: Date Analyzed: Analysis Requested:	94034-010 09-21-04 09-17-04 09-17-04 09-18-04 09-20-04 8015 TPH

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:

Federal GC F #1E Blow Pit.

Mister Malters

Review Koss

District I 1625 N. French Dr., Hobbs, NM 88240 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410

1220 S. St. Francis Dr., Santa Fe, NM 87505

District IV

regulations.

Approval:

Printed Name/Title

#### State of New Mexico **Energy Minerals and Natural Resources**

appropriate NMOCD District Office.

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

For drilling and production facilities, submit to For downstream facilities, submit to Santa Fe office

MAR 2 7 2006

Form C-144

June 1, 2004

### 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 \(\bigcap\) Closure of a pit or below-grade tank \(\bigcap\) 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: FEDERAL GC F #1E API#: 30-045- 25245 U/L or Qtr/Qtr O Sec 7 T 27N R 12W County: SAN JUAN Latitude 36.58471 Longitude 108.14946 NAD: 1927 🗌 1983 🔯 Surface Owner Federal 🔯 State 🔲 Private 🔲 Indian 🗍 Below-grade tank Type: Drilling Production Disposal DEHYDRATOR bbl Type ef fluid: Volume: Construction material Lined Unlined Double-walled, with leak ditection? If it, explain why not. Liner type: Synthetic Thickness mil Clay Pit Volume Less than 50 feet (20 points) Depth to ground water (vertical distance from bottom of pit to seasonal 0 50 feet or more, but less than 100 feet (10 points) high water elevation of ground water.) 100 feet or more ( 0 points) Yes (20 points) Wellhead protection area: (Less than 200 feet from a private domestic O No ( 0 points) water source, or less than 1000 feet from all 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) 0 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 relationship to other equipment and tanks. (2) Indicate disposal location: (check the onsite box if your are burying in place) onsite \( \square\) offsite \( \square\) 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: PIT LOCATED APPROXIMATELY 141 FT. N78W FROM WELL HEAD. PIT EXCAVATION: WIDTH n/a ft., LENGTH n/a ft., DEPTH n/a ft. PIT REMEDIATION: CLOSE AS IS: ☒, LANDFARM: ☐, COMPOST: ☐, STOCKPILE: ☐, OTHER ☐ (explain) Cubic yards: n/a BEDROCK BOTTOM 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 \( \times \), a general permit \( \times \), or an alternative OCD-approved plan \( \times \). 09/21/04 **Jeff Blagg – P.E. # 11607** PrintedName/Title Signature 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

DEPUTY OIL & GAS INSPECTOR, DIST. 🚱

CLIENT: XTO	BLAC P.O. BOX		NEERING OMFIELD	•	.13 LOC	ATION NO:	CT087
		(505) 632			1	R NO:	12962
FIELD REPORT	: PIT CL	OSURE	VERIF	ICATIO	N PAGI	E No:	of <u>l</u>
LOCATION: NAME: FEDE	em 6c F	WELL #:	E TYPE	: DEHY	DATE	STARTED:	9-17-04
QUAD/UNIT: O SEC: 7	TWP: 27N RNG	: 12W PM: /	VM CNTY: S	ST: NM	DATE	FINISHED:	9-17-04
QTR/FOOTAGE:			ACTOR: HD (	`	ENVIR	ONMENTAL	JCB
EXCAVATION APPROX	₩A FT Y						6
DISPOSAL FACILITY:	NA		REMEDIA			cuss.	
LAND USE: RANGE		LEASE: NA	10149968		FORMATI	ION:	PK
FIELD NOTES & REMAR			IMATELY 14			_	WELLHEAD.
DEPTH TO GROUNDWATER: 200			>1000		JRFACE WAT	ER:	
NMOCD RANKING SCORE:	NMOCD TPH	CLOSURE STD:	SOUD PR		<del></del>		
SOIL AND EXCAVATIO	N DESCRIPT	ION:		OVM CALIB.		2-7 ppm	RF = 0.52
- Adolatic de cu-malaba papa de .				TIME: OBI			9/7
SOIL TYPE: SAND SILTY SAN	D / SILT / SILTY	CLAY / CLAY /	GRAVEL / OTHI				
SOIL COLOR: Yellow	U TAN						
COHESION (ALL OTHERS) NON CO CONSISTENCY (NON COHESIVE SO				COHESIVE			
PLASTICITY (CLAYS): NON PLASTI				/ HIGHLY PLAST	TC C		
DENSITY (COHESIVE CLAYS & SILT					•		2220
MOISTURE: DRY SLIGHTLY MOIST			R SATURATED				(N 2 ED)
DISCOLORATION/STAINING OBSER HC ODOR DETECTED: YES NO E							
SAMPLE TYPE: GRAB COMPOSITE	-#OF PTS		<u></u>				
Applite LOWNENIS:			g'x1 De	ep EARTH	EN DE	HI PIT.	US <u>E</u>
BEDROCK BACK	HUE TO SA	mab _ HIT	FIRM BE	deock @	4-86		
		FIF	LD 418.1 CALC	LILATIONS			
SCALE SAMP. TIM	IE SAMP, ID	LAB NO.	WEIGHT (g)		DILLITION	READING	CALC. (ppm)
	JAMI . ID	EAB NO.	W ZiGiii (g)	III TREON	DIEGITOR	KEADING	CALC. (ppin)
O <sub>n</sub> FT							
N PIT PERIMET	FR	<u> </u>			PITE	ROFIL	F
		0	∨M			I (OI IL	
M (B6)	PD, BG)	t .	DING				
<u> </u>	160	SAMPLE ID	FIELD HEADSPACE (ppm)				
		1@ 4	126	]			
		2 @ 3 @		$\dashv$			
}		4 @		<del>-</del>			_
	A	5 @		A			A
$A \mid \emptyset \mid$				<b> </b>			不
	1			-	$\neg$		14
	)						[ ]
1 7							L
/		LAB S	AMPLES		/ /		
(			NALYSIS TIME				
Sample		De4 74	1/87EX 1145	H REN	Ruck S	5.5.	
7000		(Pf	ASSED		,	- / ·	
P.D. = PIT DEPRESSION; B.G. = BELOV	GRADE; B = BELOW	,					
T.H. = TEST HOLE; ~ = APPROX.; T.B. = TRAVEL NOTES:				0 / / /	1100		
CALLOUT			_ ONSITE:	9/17/04	1100		



Client:	Blagg / XTO	Project #:	94034-010
Sample ID:	1 @ 4'	Date Reported:	09-21-04
Laboratory Number:	30510	Date Sampled:	09-17-04
Chain of Custody No:	12962	Date Received:	09-17-04
Sample Matrix:	Soil	Date Extracted:	09-18-04
Preservative:	Cool	Date Analyzed:	09-20-04
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	979	0.2
Diesel Range (C10 - C28)	19.4	0.1
Total Petroleum Hydrocarbons	998	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:

Federal GC F #1E Dehy Pit.

Analyst Malter

Review



# EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg / XTO	Project #:	94034-010
Sample ID:	1 @ 4'	Date Reported:	09-21-04
Laboratory Number:	30510	Date Sampled:	09-17-04
Chain of Custody:	12962	Date Received:	09-17-04
Sample Matrix:	Soil	Date Analyzed:	09-20-04
Preservative:	Cool	Date Extracted:	09-18-04
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)	
Benzene	487	1.8	
Toluene	2,600	1.7	
Ethylbenzene	671	1.5	
p,m-Xylene	1,960	2.2	
o-Xylene	1,060	1.0	
Total BTEX	6,780		

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	94 %
	1,4-difluorobenzene	94 %
	Bromochlorobenzene	94 %

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:

Federal GC F #1E Dehy Pit.

Mustine m) Walter

Review

<u>District 1</u> 1625 N. French Dr., Hobbs, NM 88240 District III
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**

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

## <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505 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 \( \square\) 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: FEDERAL GC F#1E					
County: SAN JUAN Latitude 36.58471 Longitude 10	8.14946 NAD: 1927 ☐ 1983 ☑ Surface Ov	wner Federal ⊠ State ☐ Private ☐ Indian ☐			
<u>Pit</u>	Below-grade tank				
Type: Drilling Production Disposal S SEPARATOR	Volume:bblType of fluid: /				
Workover    Emergency	Construction materia:				
Lined Unlined STEEL TANK	Double-walled, with leak ditection? Yes I If not	explain why not.			
Liner type: Synthetic Thicknessmil Clay [	, , ,				
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) <b>0</b>			
high water elevation of ground water.)	100 feet or more	1 -			
	100 teet or more	( 0 points)			
Wellhead protection area: (Less than 200 feet from a private domestic	Yes	(20 points)			
water source, or less than 1000 feet from all other water sources.)	No	( 0 points)			
water source, or less than 1000 feet from an other water sources,	Less than 200 feet	(20 mainta)			
Distance to surface water: (horizontal distance to all wetlands, playas,		(20 points)			
irrigation canals, ditches, and perennial and ephemeral watercourses.)	200 feet or more, but less than 1000 feet	(10 points) <b>0</b>			
	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	relationship to other equipment and tanks (2) Indica	te disposal location: (check the onsite box if			
your are burying in place) onsite \( \square\) offsite \( \square\) If offsite, name of facility		· ·			
remediation start date and end date. (4) Groundwater encountered: No 🔯		n, and attach sample results. (5)			
Attach soil sample results and a diagram of sample locations and excavation		2745627			
Additional Comments: PIT LOCATED APPROXIMATEL	Y 147 FT. N1W FROM WE	LL HEAD			
PIT EXCAVATION: WIDTH n/a ft., LENGTH	n/a ft., DEPTH n/a ft	MAR			
PIT REMEDIATION: CLOSE AS IS: ☑, LANDFARM: □, C	OMPOST: □, STOCKPILE: □, OTHER □ (ex	plain) CON SCENER 3			
Cubic yards: n/a		E SUOMO CO			
I hereby certify that the information above is true and complete to the best	of my knowledge and belief. I further certify that the				
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 of 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: 09/21/04					
Date: 07/21/04					
Printed Name/Title Jeff Blagg - P.E. # 11607 Signature					
PrintedName/Title Jeff Blagg - P.E. # 11607 Signature					
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 regulations.	the operator of its responsibility for compliance with a	ny other federal, state, or local laws and/or			
Approval: COUNTER ON B CCC INCONCUTOR CHER FOR					
Printed Name/Title Date: MAR 2 7 2006					
Trinea radiic/ rideS	Busine 1 10 - 0	Date: - was 25 ( Augu			
1					

CLIENT:	0	P.O. BOX			•	I13		CT087 1296Z
FIELD REPORT: PIT CLOSURE VERIFICATION PAGE No: 1 of 1								
LOCATION: NAME				· · · · · · · · · · · · · · · · · · ·				9-17-04
QUAD/UNIT: O S	SEC: ( 1				_	ENVIE	RONMENTAL	
QTR/FOOTAGE:			<del> </del>	ACTOR: MD (			IALIST:	JUS
EXCAVATION A								
DISPOSAL FACILIT		NA					LUSE P	<del>15</del> /5
LAND USE: RA				0149968				
				IMATELY 14				
DEPTH TO GROUNDWA		<del></del>		> 1000		URFACE WAT	ER:	
NMOCD RANKING SCOF	RE:	NMOCD TPH (	CLOSURE STD: _	S000 PF	OVM CALIB.	DEAD - 5"	? `7	<u>-</u> -
SOIL AND EXC	CAVATION	N DESCRIPT	ION:		OVM CALIB.			RF = 0.52
					TIME: <u>081</u>			/17
SOIL TYPE SAND	SILTY SAND	O / SILT / SILTY O	CLAY / CLAY /	GRAVEL / OTHI	ER			
COHESION (ALL OTHER					COHESIVE	······································		
CONSISTENCY (NON CO								
PLASTICITY (CLAYS): I DENSITY (COHESIVE C					7 HIGHLY PLAS	TIC	. (	LOSED
MOISTURE: DRY SLIG	HTLY MOIST	MOIST / WET / SAT	URATED / SUPE					
DISCOLORATION/STAIN								
HC ODOR DETECTED:								
ADDITIONAL COMMENT			- 15 x15		p wood 1	ined Pi	h u/	95 BBL
			Steel	toux. U	se Buchwe	to per	hour ten	KY
				LD 418.1 CALC	ULATIONS	· · · · · · · · · · · · · · · · · · ·		
SCALE	SAMP. TIMI	E SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. (ppm)
O FT								
	RIMETE	<u>-R</u>	_	\ / <b></b> .		<u> </u>	ROFIL	
1 Sample				VM DING				
\	_	TANK FOOT PRINT	SAMPLE ID	FIELD HEADSPACE	-			
	15	(7'BG)	1@ 10	(ppm) ZB				
	^ ~ /	Y (160)	200	<del>-</del>				
	E		4 @					
, ,	<del></del>		5@		╡		20011-1	3.01.F
	8	15			$\dashv$ $\sim$	0T /	IPPCICT	78G <del>C</del>
1	<i>j</i>				_			
		٦) .	LAB S	AMPLES	$\dashv$			
}		(7'BG)	SAMPLE AN	NALYSIS TIME				
	1-1)	(7,09)	Dew TA	M 112	Ц			
TH (	10' B6)		(P)	NOSED)				
P.D. = PIT DEPRESSION; T.H. = TEST HOLE: ~ = AP								
T.H. = TEST HOLE; ~ = APPROX.; T.B. = TANK BOTTOM  TRAVEL NOTES:  CALLOUT: 9-17-04 09w ONSITE: 9-17-04 1100								
	CALLOUT:	11-07 (		_ UNSITE: Y	1,1-04	1100		

. - Last middle description and a



Client:	Blagg / XTO	Project #:	94034-010
Sample ID:	1 @ 10'	Date Reported:	09-21-04
Laboratory Number:	30509	Date Sampled:	09-17-04
Chain of Custody No:	12962	Date Received:	09-17-04
Sample Matrix:	Soil	Date Extracted:	09-18-04
Preservative:	Cool	Date Analyzed:	09-20-04
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:

Federal GC F #1E Separator Pit.

Mistine m Walles
Analyst

Review