District I
P.O. Box 1980. Hobbs, NM
District II
rawer DD, Artesia, NM
District III

1000 Rio Brazo Rd., Aztec, NM

State of New Mexico

Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
P.O. BOX 2088
SANTA FE, NEW MEXICO 87504-2088

MAR 2003

CT014

SUBMIT 1 COPY TO

APPROPRIATE

DISTRICT OFFICE

AND 1 COPY TO

SANTA FE OFFICE

PIT REMEDIATION AND CLOSURE REPORT

30-045-08777

Operator: XTO ENERG	Y. INC.	Т	elephone: (505) 324-1090	
	Address: 2700 FARMINGTON AVE., BLDG. K SUITE 1, FARMINGTON, NM 87401 Facility or Well Name: 5TATE GC 以# \			
			C T	
Location: Unit or Qtr/Qtr Se		TA9N R/OW Count		
11		PW .		
Land Type: BLM X,	State, Fee, Oth	ner		
Pit Location: (Attach diagram)	Pit dimensions: length	NA , width NA	, depth NA	
(Attach diagram)	Reference: wellhead X			
	Footage from reference: _			
	Direction from reference:	40 Degrees \checkmark	East North	
			West South	
Depth To Groundwater: (Vertical distance from contaminants to seasonal high water elevation of groundwater)		Less than 50 feet 50 feet to 99 feet Greater than 100 feet	(20 points) (10 points) (0 points)0	
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)0	
Distance To Surface Water (Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)	· •	Less than 100 feet 100 feet to 1000 feet Greater than 1000 feet	(20 points) (10 points) (0 points)0	
		RANKING SCORE (TOT.	AL POINTS):0_	
revised: 03/12/01			bei1202.wpd	

Date Remediation Sta	arted:	Date Completed: 10 16 01	
Remediation Method:	Excavation X	Approx. cubic yardsNA	
(Check all appropriate sections)	Landfarmed	Insitu Bioremediation	
	OtherCLOSE A	S IS.	
Remediation Location (i.e. landfarmed onsite, name and location of offsite facility)	: Onsite X Offsite _		
General Description	of Remedial Action: Excava	tion. Test hole advanced. No remediation necessary	<u>y. </u>
BEDROCK B	ottom.		
Groundwater Encoun	tered: No X Yes _	Depth	
inal Pit Closure Sampling: (if multiple samples,	Sample location see Attache	d Documents	· ·
attach sample results	Sample depth 5	(Test hole bottom)	
and diagram of sample locations and depths)		Sample time /400	
	Sample Results	Sample time	
	-	opm) 0.280 Water: Benzene (ppb)	
		pm) 3.950 Toluene (ppb)	
		pm) 400 Ethylbenzene (ppb)	
		pm) 183 Total Xylenes (ppb)	
Croundwater Sample		• • • • • • • • • • • • • • • • • • • •	
Groundwater Sample	165	(If yes, attach sample results)	
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF			
DATE 10 1	601 PRIM	TED NAME <u>Jeffrey C. Blagg</u>	
SIGNATURE	y C. Stag AND	FITLE President P,E. # 11607	

3004508777	
BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	C.O.C. NO: 8781
FIELD REPORT: CLOSURE VERIFICATION	PAGE No: _/_ of/_
LOCATION: NAME: STATE &C U WELL #: PIT: BLOW	DATE STARTED: 10/15/01 DATE FINISHED:
QUAD/UNIT: H SEC: Z TWP: Z9 N RNG: 10W PM: NM CNTY: SJ ST: NM QTR/FOOTAGE: 1695 N 1075 E NE SE CONTRACTOR: HIGH DESERT	ENVIRONMENTAL SPECIALIST:
EXCAVATION APPROX. NA FT. x NA FT. x NA FT. DEEP. CUBIC	
DISPOSAL FACILITY: 00-SITE REMEDIATION METHO	D: Croze #2 12
LAND USE: RAJGE LEASE: STATE FOI	RMATION: PC
FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 58 FT. 5 DEPTH TO GROUNDWATER: >100' NEAREST WATER SOURCE: >1000' NEAREST SURFACE	E WATER: _ >1000
NMOCD RANKING SCORE: O NMOCD TPH CLOSURE STD: 5000 PPM SOLI AND FYCAVATION DVM CALIB. READ. 53.4 PPM	CHECK ONE:
DVM CALIB. GAS = /00 ppm RF = 0.52	_STEEL TANK INSTALLED
DESCRIPTION: TIME: 1:50 am/pm DATE: 10/15/01	FIBERGLASS TANK INSTALLED
SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER A SOIL COLOR: BLACK SERVICE / GERVEL / OTHER A COHESIVE / COHESIVE / HIGHLY COHESIVE / COHESIVE / HIGHLY	SEDIROCK (SANDSTONE)
CONSISTENCY (NON COHESIVE SOILS): LODSE FIRM / DENSE / VERY DENSE	(COHESIVE
PLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLAST	
DENSITY (COHESIVE CLAYS & SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARD MOISTURE: DRY / SLIGHTLY MOIST / MOIST / WET / SATURATED / SUPER SATURATED	(Crozed)
DISCOLORATION/STAINING OBSERVED: (ES / NO EXPLANATION - DISCOLORATION NOT HC ODOR DETECTED: (YES) / NO EXPLANATION - STRONG IN SAND + BEORGE	
SAMPLE TYPE: GRAB / COMPOSITE - # OF PTS BEDROCK - BEDROCK -	
(Beorack)	VOLT HAID COMPETENT
FIELD 418.1 CALCULATIONS	
SCALE SAMP. TIME SAMPLE I.D. LAB No: WEIGHT (g) mL. FREON DILU	TION READING CALC. ppm
O FT	
	DDORUE
PIT PERIMETER N# OVM	PROFILE
RESULTS SAMPLE FIELD HEADSPACE	
TH APPROX SAMPLE PID (ppm) TH APPROX	
31/8ELOW P.D. 2 @ 3 @	
T 5 0	
(TANK PIT)	applicable
P.D. LAB SAMPLES SAMPLE ANALYSIS THE	
APPROX .Z	
11 BTEX (8021) 11	
P.D. = PIT DEPRESSION; B.G. = BELOW GRADE	
TRAVEL NOTES: CALLOUT: 10/15/01-morn. ONSITE: 10/15/01-A	ETE()

revised: 08/17/01



EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client:	Blagg / XTO Energy	Project #:	94034-010
Sample ID:	1 @ 5'	Date Reported:	10-16-01
Laboratory Number:	21254	Date Sampled:	10-15-01
Chain of Custody No:	8781	Date Received:	10-15-01
Sample Matrix:	Soil	Date Extracted:	10-16-01
Preservative:	Cool	Date Analyzed:	10-16-01
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	78.7	0.2
Diesel Range (C10 - C28)	104	0.1
Total Petroleum Hydrocarbons	183	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:

State GC U #1 Blow Pit Grab Sample.

Analyst

(Review Walles



EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg / XTO Energy	Project #:	94034-010
Sample ID:	1 @ 5'	Date Reported:	10-16-01
Laboratory Number:	21254	Date Sampled:	10-15-01
Chain of Custody:	8781	Date Received:	10-15-01
Sample Matrix:	Soil	Date Analyzed:	10-16-01
Preservative:	Cool	Date Extracted:	10-16-01
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)	
Benzene	280	1.8	
Toluene	777	1.7	
Ethylbenzene	497	1.5	
p,m-Xylene	1,610	2.2	
o-Xylene	785	1.0	
Total BTEX	3,950		

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:

State GC U #1 Blow Pit Grab Sample.

Analyst

Review Malles