

## District I

P.O. Box 1980, Hobbs, NM

## District II

P.O. Drawer 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**

SUBMIT 1 COPY TO

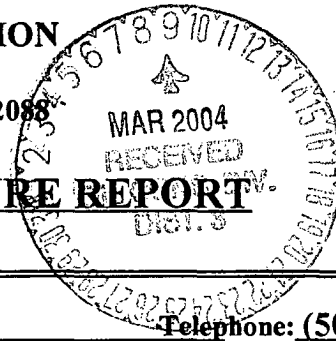
APPROPRIATE

DISTRICT OFFICE

AND 1 COPY TO

SANTA FE OFFICE

**PIT REMEDIATION AND CLOSURE REPORT**

Operator: XTO ENERGY, INC.Telephone: (505) 324-1090Address: 2700 FARMINGTON AVE., BLDG. K SUITE 1, FARMINGTON, NM 87401Facility or Well Name: FEASEL FRED C #1Location: Unit or Qtr/Qtr Sec J Sec 33 T 28N R 10W County San JuanPit Type: Separator    Dehydrator    Other BLOWLand Type: BLM X, State   , Fee   , Other   Pit Location:  
(Attach diagram)Pit dimensions: length NA, width NA, depth NAReference: wellhead X, other   Footage from reference: 204'Direction from reference: 42 Degrees    East    North ✓  
✓ West    South   **Depth To Groundwater:**(Vertical distance from  
contaminants to seasonal  
high water elevation of  
groundwater)

Less than 50 feet	(20 points)	
50 feet to 99 feet	(10 points)	
Greater than 100 feet	( 0 points)	<u>0</u>

**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)	<u>0</u>

**Distance To Surface Water:**(Horizontal distance to perennial  
lakes, ponds, rivers, streams, creeks,  
irrigation canals and ditches)

Less than 100 feet	(20 points)	
100 feet to 1000 feet	(10 points)	
Greater than 1000 feet	( 0 points)	<u>0</u>

RANKING SCORE (TOTAL POINTS): 0

CT034

Blow Pit

Date Remediation Started: \_\_\_\_\_

Date Completed: 12/19/03

## Remediation Method:

Excavation XApprox. cubic yards NA

(Check all appropriate sections)

Landfarmed \_\_\_\_\_

Insitu Bioremediation \_\_\_\_\_

Other CLOSE AS IS.

## Remediation Location:

Onsite X Offsite \_\_\_\_\_

(i.e. landfarmed onsite, name and location of offsite facility)

General Description of Remedial Action: Excavation. Test hole advanced. No remediation necessary.Groundwater Encountered: No X Yes \_\_\_\_\_ Depth \_\_\_\_\_

## Final Pit Closure Sampling:

(if multiple samples, attach sample results and diagram of sample locations and depths)

Sample location see Attached DocumentsSample depth 6' (Test hole bottom)Sample date 12/17/03 Sample time 1420

## Sample Results

Soil: Benzene	(ppm)	_____	Water: Benzene	(ppb)	_____
Total BTEX	(ppm)	_____	Toluene	(ppb)	_____
Field Headspace	(ppm)	<u>11.8</u>	Ethylbenzene	(ppb)	_____
TPH	(ppm)	<u>ND</u>	Total Xylenes	(ppb)	_____

Groundwater Sample: Yes \_\_\_\_\_ No X (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 12/19/03 PRINTED NAME Jeffrey C. BlaggSIGNATURE Jeffrey C. Blagg AND TITLE President P.E. # 11607

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>CT034</u> COCR NO: <u>11637</u>
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## FIELD REPORT: PIT CLOSURE VERIFICATION

LOCATION: NAME: FEASEL, FRED C WELL #: 1 TYPE: BLW  
 QUAD/UNIT: J SEC: 33 TWP: 28N RNG: 10W PM: NM CNTY: SJ ST: NM  
 QTR/FOOTAGE: 1450'S/1655'E NW/SE CONTRACTOR: NONE

EXCAVATION APPROX. NA FT. x NA FT. x NA FT. DEEP. CUBIC YARDAGE: NA  
 DISPOSAL FACILITY: ON-SITE REMEDIATION METHOD: CLOSE AS IS  
 LAND USE: RANGE - BLM LEASE: SF 046563 FORMATION: PC

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 204 FT. N42W FROM WELLHEAD.  
 DEPTH TO GROUNDWATER: >100' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: >1000'  
 NMOC D RANKING SCORE: 0 NMOC D TPH CLOSURE STD: 5000 PPM

**SOIL AND EXCAVATION DESCRIPTION:**

SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER  
 SOIL COLOR: DR. YEL. ORANGE TO PALE YEL. ORANGE SILTY CLAY BETWEEN 4.5'-6' BELOW GRADE  
 COHESION (ALL OTHERS): NON COHESIVE SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE  
 CONSISTENCY (NON COHESIVE SOILS): LOOSE / 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 / MOIST / WET / SATURATED / SUPER SATURATED  
 DISCOLORATION/STAINING OBSERVED: YES / NO EXPLANATION: \_\_\_\_\_  
 HC ODOR DETECTED: YES / NO EXPLANATION: \_\_\_\_\_  
 SAMPLE TYPE: GRAB COMPOSITE - # OF PTS. —  
 ADDITIONAL COMMENTS: \_\_\_\_\_

OVM CALIB. READ. = 53.6 ppm CHECK  
 OVM CALIB. GAS = 100 ppm RF = 0.52  
 TIME: 10:05 am/pm DATE: 12/16/03

SCALE

0 FT

**FIELD 418.1 CALCULATIONS**

SAMP. TIME	SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. (ppm)

**PIT PERIMETER**

**OVM READING**

SAMPLE ID	FIELD HEADSPACE (ppm)
1 @ 6'	11.8
2 @	
3 @	
4 @	
5 @	

**PIT PROFILE**

NOT APPLICABLE

**LAB SAMPLES**

SAMPLE ID	ANALYSIS	TIME
① C6'	TPH (80158)	1420

**PHASSED**

TRAVEL NOTES: CALLOUT: N/A

ONSITE: 12/17/03

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

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

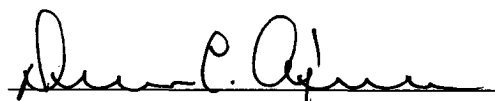
Client:	Blagg / XTO Energy	Project #:	94034-010
Sample ID:	1 @ 6'	Date Reported:	12-19-03
Laboratory Number:	27429	Date Sampled:	12-17-03
Chain of Custody No:	11637	Date Received:	12-18-03
Sample Matrix:	Soil	Date Extracted:	12-18-03
Preservative:	Cool	Date Analyzed:	12-18-03
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

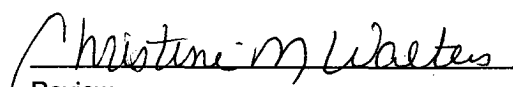
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

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: Feasel, Fred C #1 Blow Pit Grab Sample.

  
Analyst

  
Review