

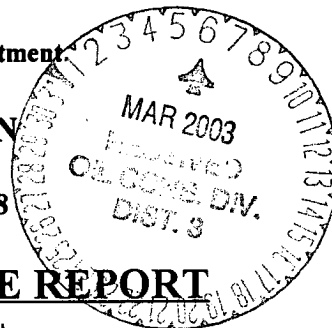
District I  
P.O. Box 1980, Hobbs, NM

District II  
Drawer DD, Artesia, NM

District III  
1000 Rio Bravo 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**

30-045-26141

Operator: XTO ENERGY, INC. Telephone: (505) 324-1090

Address: 2700 FARMINGTON AVE., BLDG. K SUITE 1, FARMINGTON, NM 87401

Facility or Well Name: Duff GC #1E

Location: Unit or Qtr/Qtr Sec G Sec 34 T 30N R 12W County San Juan

Pit Type: Separator ☒ Dehydrator ☐ Other ☐

Land Type: BLM ☒ State ☐ Fee ☐ Other ☐

Pit Location:  
(Attach diagram)

Pit dimensions: length NA, width NA, depth NA

Reference: wellhead ☒ other ☐

Footage from reference: 150'

Direction from reference: 71 Degrees ☒ East ☒ North  
of  
☐ 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

Sept 7th CT017

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

Date Completed: 11-8-02

Remediation Method:

Excavation X

Approx. cubic yards NA

(Check all appropriate sections)

Landfarmed \_\_\_\_\_

In situ 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

Sample location see Attached Documents

Closure Sampling:

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

Sample depth 8' (Test hole bottom)

Sample date 11-7-02 Sample time 1220

Sample Results

Soil: Benzene	(ppm) _____	Water: Benzene	(ppb) _____
Total BTEX	(ppm) _____	Toluene	(ppb) _____
Field Headspace	(ppm) <u>ND</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 11-8-02 PRINTED NAME Jeffrey C. Blagg

SIGNATURE 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>CT017</u> COCR NO: <u>10408</u>
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## FIELD REPORT: PIT CLOSURE VERIFICATION

 PAGE No: 1 of 1

LOCATION: NAME: <u>DUFF GC</u> WELL #: <u>1E</u> TYPE: <u>SEP</u> QUAD/UNIT: <u>GK</u> SEC: <u>34</u> TWP: <u>30N</u> RNG: <u>12W</u> PM: <u>NM</u> CNTY: <u>SJ</u> ST: <u>NM</u> QTR/FOOTAGE: <u>1770'N/1480'E</u> SWINE CONTRACTOR: <u>HIGH DESERT (Fernando)</u>	DATE STARTED: <u>11-7-02</u> DATE FINISHED: <u>11-7-02</u>	ENVIRONMENTAL SPECIALIST: <u>JCB</u>
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 EXCAVATION APPROX. 14 FT. x 14 FT. x 6 FT. DEEP. CUBIC YARDAGE: 0

 DISPOSAL FACILITY: NA REMEDIATION METHOD: CLOSE AS IS

 LAND USE: RANGE - BLM LEASE: FED COM 14080017947 FORMATION: DK

 FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 150 FT. N71°E FROM WELLHEAD.

 DEPTH TO GROUNDWATER: >100 NEAREST WATER SOURCE: >1000 NEAREST SURFACE WATER: >1000

 NMOCD RANKING SCORE: 0 NMOCD TPH CLOSURE STD: 5000 PPM

### SOIL AND EXCAVATION DESCRIPTION:

 OVM CALIB. READ. = 130.6 ppm  
 OVM CALIB. GAS = 250 ppm RF = 0.52  
 TIME: 1123 am/pm DATE: 11-7-2

 SOIL TYPE: SAND / (SILTY SAND) SILT / SILTY CLAY / CLAY / GRAVEL / OTHER

 SOIL COLOR: YELLOW TAN

 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 &amp; SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARD

 MOISTURE: DRY / (SLIGHTLY MOIST) MOIST / WET / SATURATED / SUPER SATURATED

DISCOLORATION/STAINING OBSERVED: YES / NO EXPLANATION -

NO ODOR DETECTED: YES / NO EXPLANATION -

SAMPLE TYPE: GRAB / COMPOSITE - # OF PTS.

 ADDITIONAL COMMENTS: PIT W/ FIBERGLASS TANK INSTALLED. USED BACKHOE TO REMOVE TANK  
+ DIG TEST TRENCH.

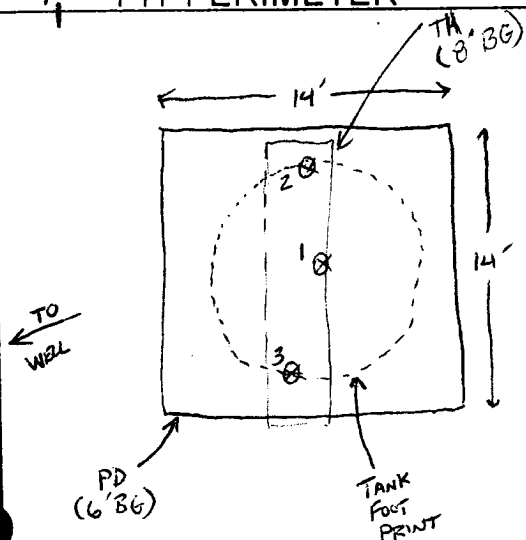
CLOSED

### FIELD 418.1 CALCULATIONS

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

### PIT PERIMETER

### PIT PROFILE



### OVM READING

SAMPLE ID	FIELD HEADSPACE (ppm)
1 @ 8'	ND
2 @ 8'	ND
3 @ 8'	ND
4 @	
5 @	

### LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
1 @ 8'	TPH	1220
	<u>PASSED</u>	

NOT APPLICABLE

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

 TRAVEL NOTES: CALLOUT: 11/7/02 1000 ONSITE: 11/7/02 1050

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

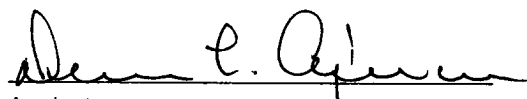
Client:	Blagg / XTO	Project #:	94034-010
Sample ID:	Sep #1 @ 8'	Date Reported:	11-08-02
Laboratory Number:	24190	Date Sampled:	11-07-02
Chain of Custody No:	10408	Date Received:	11-07-02
Sample Matrix:	Soil	Date Extracted:	11-08-02
Preservative:	Cool	Date Analyzed:	11-08-02
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

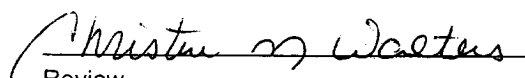
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

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: **Duff GC 1E.**

  
Analyst

  
Review