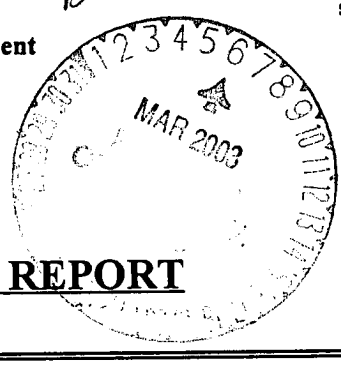
Risk Bedrock CT011

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

30-045-20374

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

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

Facility or Well Name: Bruington GC C#1

Location: Unit or Qtr/Qtr Sec B Sec 21 T 30N R 11 W County San Juan

Pit Type: Separator ___ Dehydrator ✓ Other ___

Land Type: BLM ~~X~~ KAG, State ___, Fee ✓, Other ___

**Pit Location:** (Attach diagram)

Pit dimensions: length NA, width NA, depth NA

Reference: wellhead X, other ___

Footage from reference: 165'

Direction from reference: 39 Degrees ✓ East ___ North of ___ West ___ South ✓

| | | | |
|---|---|---|---|
| **Depth To Groundwater:** (Vertical distance from contaminants to seasonal high water elevation of groundwater) | Less than 50 feet<br>50 feet to 99 feet<br>Greater than 100 feet | (20 points)<br>(10 points)<br>( 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<br>No | (20 points)<br>( 0 points) | 0 |
| **Distance To Surface Water:** (Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches) | Less than 100 feet<br>100 feet to 1000 feet<br>Greater than 1000 feet | (20 points)<br>(10 points)<br>( 0 points) | 0 |

RANKING SCORE (TOTAL POINTS): 0

CT011

Dehy Pit

**Date Remediation Started:** _____ **Date Completed:** 9-26-02

**Remediation Method:** (Check all appropriate sections) Excavation X Approx. cubic yards NA

Landfarmed ____ Insitu Bioremediation _____

Other **CLOSE AS IS.**

**Remediation Location:** (i.e. landfarmed onsite, name and location of offsite facility) Onsite X Offsite _____

**General Description of Remedial Action:** **Excavation. Test hole advanced. No remediation necessary.**

no TPH analysis was conducted. BEDROCK BOTTOM.

**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 Documents**

Sample depth 4.5' **(Test hole bottom)**

Sample date 9-26-02 Sample time 0821

Sample Results

| | | | | | | |
|---|---|---|---|---|---|---|
| Soil: | Benzene | (ppm) | ____ | Water: Benzene | (ppb) | ____ |
| | Total BTEX | (ppm) | ____ | Toluene | (ppb) | ____ |
| | Field Headspace | (ppm) | 3.5 | Ethylbenzene | (ppb) | ____ |
| | TPH | (ppm) | ____ | 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** 9-26-02 **PRINTED NAME** **Jeffrey C. Blagg**

**SIGNATURE** Jeffrey C. Blagg **AND TITLE** **President P.E. # 11607**

revised: 03/12/01 bei1202.wpd

CLIENT: XTO

**BLAGG ENGINEERING, INC.**
**P.O. BOX 87, BLOOMFIELD, NM 87413**
**(505) 632-1199**

LOCATION NO: CT011
COCR NO: —

# FIELD REPORT: PIT CLOSURE VERIFICATION

PAGE No: 1 of 1

LOCATION: NAME: BRUNGTON GC C WELL #: 1 TYPE: DEHY.
QUAD/UNIT: B SEC: 21 TWP: 30N RNG: 11W PM: NM CNTY: SJ ST: NM
QTR/FOOTAGE: 990'N/1450'E NW/NE CONTRACTOR: VAUGHN (SHANE)

DATE STARTED: 9/26/02
DATE FINISHED:
ENVIRONMENTAL SPECIALIST: NV

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 LEASE: FEE FORMATION: OK

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 165 FT. 539E FROM WELLHEAD.
DEPTH TO GROUNDWATER: >100' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: >1000'
NMOCD RANKING SCORE: 0 NMOCD TPH CLOSURE STD: 5000 PPM

OVM CALIB. READ. = 53.2 ppm
OVM CALIB. GAS = 100 ppm RF = 0.52
TIME: 8:00 am/pm DATE: 9/26/02

## SOIL AND EXCAVATION DESCRIPTION:

SOIL TYPE: (SAND) / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER BEDROCK (SANDSTONE)
SOIL COLOR: OK. YELL. ORANGE BEDROCK - OLIVE GRAY
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: BEDROCK - HARD, SLIGHTLY FRIABLE. NO TPH ANALYSIS WAS CONDUCTED. COLLECTED SAMPLE FROM BEDROCK SURFACE.

(CLOSED)

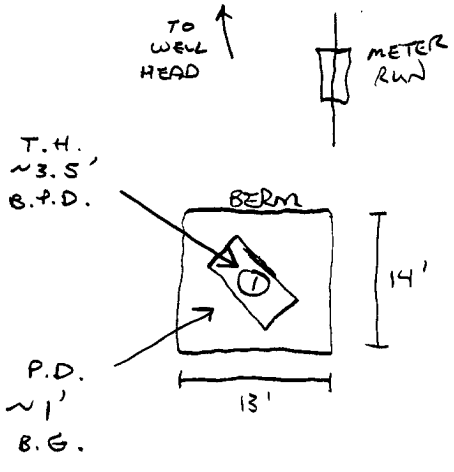
(BEDROCK BOTTOM)

FIELD 418.1 CALCULATIONS

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

SCALE
0 FT

## PIT PERIMETER




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

## OVM READING

| SAMPLE ID | FIELD HEADSPACE (ppm) |
|---|---|
| 1 @ 4.5' | 3.5 |
| 2 @ | |
| 3 @ | |
| 4 @ | |
| 5 @ | |

## LAB SAMPLES

| SAMPLE ID | ANALYSIS | TIME |
|---|---|---|
| | — | DBZL |

## PIT PROFILE

NOT APPLICABLE

TRAVEL NOTES: CALLOUT: 9/26/02 - MORN. ONSITE: 9/26/02 - MORN.