Risk-bedrock

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

SUBMIT 1 COPY TO APPROPRIATE DISTRICT OFFICE AND 1 COPY TO SANTA FE OFFICE

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

MAR 2004

PIT REMEDIATION AND CLOSURE REPORT

30-045-24670

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

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

Facility or Well Name: FEASEL, FRED H #1E

Location: Unit or Qtr/Qtr Sec O Sec 33 T 28N R 10W County San Juan

Pit Type: Separator ___ Dehydrator ___ Other BLOW

Land Type: BLM X, State ___, Fee ___, Other ___

Pit Location: (Attach diagram)	Pit dimensions: length NA, width NA, depth NA	
	Reference: wellhead X, other ___	
	Footage from reference: 159'	
	Direction from reference: 60 Degrees ✓ East ___ West of North ✓ 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)	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 (20 points) No (0 points)	0
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)	0
	RANKING SCORE (TOTAL POINTS):	0

BLOW PIT

Date Remediation Started: _____ **Date Completed:** 12/17/03

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.

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 6' (Test hole bottom)

Sample date 12/17/03 Sample time 1512

Sample Results

Soil:	Benzene	(ppm)	____	**Water:** Benzene	(ppb)	____
	Total BTEX	(ppm)	____	Toluene	(ppb)	____
	Field Headspace	(ppm)	0.0	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 12/17/03 **PRINTED NAME** Jeffrey C. Blagg

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

30045246 70

CLIENT: XTO	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: COCR NO: —

FIELD REPORT: PIT CLOSURE VERIFICATION

PAGE No: 1 of 1

LOCATION: NAME: FEASEL, FRED H WELL #: 1E TYPE: BLOW
QUAD/UNIT: O SEC: 33 TWP: 28N RNG: 10W PM: NM CNTY: SJ ST: NM
QTR/FOOTAGE: 970'S/1625'E SW/SE CONTRACTOR: NONE

DATE STARTED: 12/17/03
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 - BLM LEASE: SF046563 FORMATION: OK

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 159 FT. N60E 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. = 53.6 ppm CHECK
OVM CALIB. GAS = 100 ppm RF = 0.52
TIME: 10:05 am/pm DATE: 12/16/03

SOIL AND EXCAVATION DESCRIPTION:

SOIL TYPE: (SAND) / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER BEDROCK (SANDSTONE)
SOIL COLOR: DK. YELL. ORANGE BEDROCK - DK. YELL. ORANGE / PALE YELL. ORANGE
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: COLLECTED SAMPLE FROM BEDROCK SURFACE. BEDROCK - HARD, COMPETENT W/ HAND SHOVEL. NO TPH ANALYSIS WAS CONDUCTED.

CLOSED

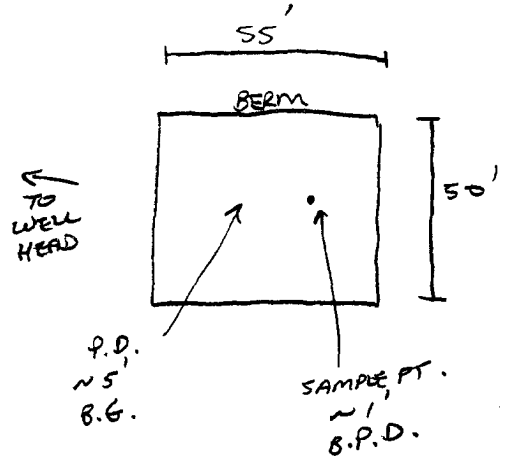
BEDROCK BOTTOM

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 @ 6'	0.0
2 @	
3 @	
4 @	
5 @	

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
	—	1512

PIT PROFILE

NOT APPLICABLE

TRAVEL NOTES: CALLOUT: N/A ONSITE: 12/17/03

revised: 09/04/02

bei1005C.skf