

District I

P.O. Box 1980, Hobbs, NM

District II

P.O. Drawer DD, Artesia, NM

District III

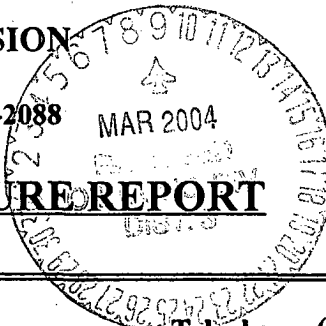
1000 Rio Bravo Rd., Aztec, NM

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

30-045-24670

Operator: XTO ENERGY, INC.Telephone: (505) 324-1090Address: 2700 FARMINGTON AVE., BLDG. K SUITE 1, FARMINGTON, NM 87401Facility or Well Name: FEASEL, FRED H #1ELocation: Unit or Qtr/Qtr Sec 0 Sec 33 T 28N R 10W County San JuanPit Type: Separator ☒ Dehydrator ☐ Other ☐Land Type: BLM X, State ☐, Fee ☐, Other ☐Pit Location:
(Attach diagram)Pit dimensions: length NA, width NA, depth NAReference: wellhead X, other ☐Footage from reference: 159'Direction from reference: 16 Degrees ☒ East of 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)

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

(20 points)

100 feet to 1000 feet

(10 points)

Greater than 1000 feet

(0 points)

0RANKING SCORE (TOTAL POINTS): 0

SEP. 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.BEDROCK BOTTOM. OPERATOR WILL DILUTE & AERATED DISCOLORED / IMPACTED SOIL WITHIN PIT AREA & LEAVE IN PLACE.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 3' (Test hole bottom)Sample date 12/17/03 Sample time 1449

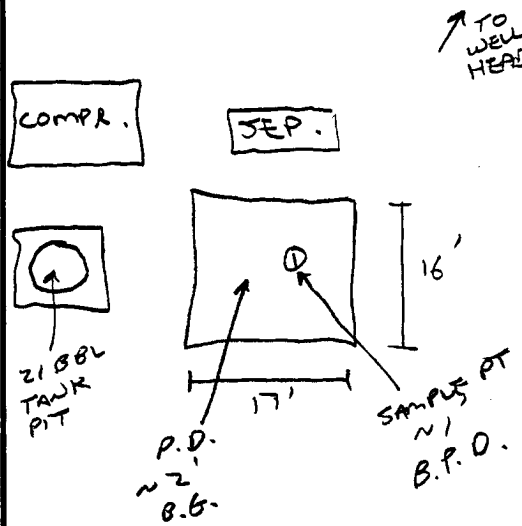
Sample Results

Soil: Benzene	(ppm) <u>0.0766</u>	Water: Benzene	(ppb) _____
Total BTEX	(ppm) <u>4.930</u>	Toluene	(ppb) _____
Field Headspace	(ppm) <u>361</u>	Ethylbenzene	(ppb) _____
TPH	(ppm) <u>680</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>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: _____ COCR NO: <u>11638</u>																																		
FIELD REPORT: PIT CLOSURE VERIFICATION		PAGE No: <u>1</u> of <u>1</u>																																		
LOCATION: NAME: <u>FEASEL, FRED H</u> WELL#: <u>1E</u> TYPE: <u>SEP</u> QUAD/UNIT: <u>0</u> SEC: <u>33</u> TWP: <u>28N</u> RNG: <u>10W</u> PM: <u>NM</u> CNTY: <u>SJ</u> ST: <u>NM</u> QTR/FOOTAGE: <u>970'S/1625'E</u> SWSE CONTRACTOR: <u>NONE</u>		DATE STARTED: <u>12/17/03</u> DATE FINISHED: _____ ENVIRONMENTAL SPECIALIST: <u>NV</u>																																		
EXCAVATION APPROX. <u>NA</u> FT. x <u>NA</u> FT. x <u>NA</u> FT. DEEP. CUBIC YARDAGE: <u>NA</u> DISPOSAL FACILITY: <u>ON-SITE</u> REMEDIATION METHOD: <u>DILUTE + AERATE</u> LAND USE: <u>RANGE - BLM</u> LEASE: <u>SF 046563</u> FORMATION: <u>OK</u>																																				
FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY <u>159</u> FT. <u>S/6E</u> FROM WELLHEAD. DEPTH TO GROUNDWATER: <u>>100'</u> NEAREST WATER SOURCE: <u>>1000'</u> NEAREST SURFACE WATER: <u>>1000'</u> NMOCD RANKING SCORE: <u>0</u> NMOCD TPH CLOSURE STD: <u>5000</u> PPM																																				
SOIL AND EXCAVATION DESCRIPTION: SOIL TYPE: <u>SAND</u> / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER <u>BEDROCK (SANDSTONE)</u> SOIL COLOR: <u>MED. GRAY TO BLACK</u> <u>BEDROCK - LT. GRAY</u> COHESION (ALL OTHERS): <u>NON COHESIVE</u> / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE CONSISTENCY (NON COHESIVE SOILS): <u>LOOSE</u> / 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 / <u>WET</u> / SATURATED / SUPER SATURATED DISCOLORATION/STAINING OBSERVED: <u>YES</u> / NO EXPLANATION - <u>LT. GRAY TO BLACK (2'-3' BELOW GRADE)</u> HC ODOR DETECTED: <u>YES</u> / NO EXPLANATION - <u>SAMPLE PT. SOIL & OVM SAMPLE.</u> SAMPLE TYPE: <u>GRAB</u> / COMPOSITE - # OF PTS. _____ ADDITIONAL COMMENTS: <u>SOIL SATURATED FROM MELTING SNOW WITHIN DEPRESSION. COLLECTED</u> <u>BEDROCK BOTTOM</u> <u>SAMPLE FROM BEDROCK SURFACE. BEDROCK - HARD, COMPETENT W/</u> <u>HAND SHOVEL.</u> OVM CALIB. READ. = <u>53.6</u> ppm OVM CALIB. GAS = <u>100</u> ppm RF = 0.52 TIME: <u>10:05</u> am/pm DATE: <u>12/16/03</u>																																				
SCALE  0 FT FIELD 418.1 CALCULATIONS <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>SAMP. TIME</th> <th>SAMP. ID</th> <th>LAB NO.</th> <th>WEIGHT (g)</th> <th>mL FREON</th> <th>DILUTION</th> <th>READING</th> <th>CALC. (ppm)</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>			SAMP. TIME	SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. (ppm)																										
SAMP. TIME	SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. (ppm)																													
PIT PERIMETER  OVM READING <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>SAMPLE ID</th> <th>FIELD HEADSPACE (ppm)</th> </tr> </thead> <tbody> <tr><td>1 @ 3'</td><td>361</td></tr> <tr><td>2 @</td><td> </td></tr> <tr><td>3 @</td><td> </td></tr> <tr><td>4 @</td><td> </td></tr> <tr><td>5 @</td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table> LAB SAMPLES <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>SAMPLE ID</th> <th>ANALYSIS</th> <th>TIME</th> </tr> </thead> <tbody> <tr><td>1 @ 3'</td><td>TAK 80158</td><td>1449</td></tr> <tr><td>"</td><td>STEX (80218)</td><td>"</td></tr> <tr><td colspan="3" style="text-align: center;">BOTH PASSED</td></tr> </tbody> </table>			SAMPLE ID	FIELD HEADSPACE (ppm)	1 @ 3'	361	2 @		3 @		4 @		5 @												SAMPLE ID	ANALYSIS	TIME	1 @ 3'	TAK 80158	1449	"	STEX (80218)	"	BOTH PASSED		
SAMPLE ID	FIELD HEADSPACE (ppm)																																			
1 @ 3'	361																																			
2 @																																				
3 @																																				
4 @																																				
5 @																																				
SAMPLE ID	ANALYSIS	TIME																																		
1 @ 3'	TAK 80158	1449																																		
"	STEX (80218)	"																																		
BOTH PASSED																																				
TRAVEL NOTES: CALLOUT: <u>N/A</u> PIT PROFILE NOT APPLICABLE																																				
ONSITE: <u>12/16/03</u>																																				

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

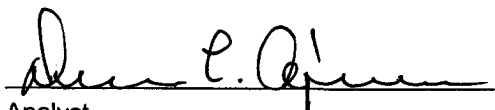
Client:	Blagg / XTO Energy	Project #:	94034-010
Sample ID:	1 @ 3'	Date Reported:	12-19-03
Laboratory Number:	27428	Date Sampled:	12-17-03
Chain of Custody No:	11638	Date Received:	12-18-03
Sample Matrix:	Soil	Date Extracted:	12-18-03
Preservative:	Cool	Date Analyzed:	12-18-03
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

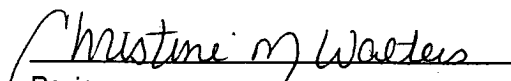
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	576	0.2
Diesel Range (C10 - C28)	104	0.1
Total Petroleum Hydrocarbons	680	0.2

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 H #1E Separator Pit Grab Sample.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg / XTO Energy	Project #:	94034-010
Sample ID:	1 @ 3'	Date Reported:	12-18-03
Laboratory Number:	27428	Date Sampled:	12-17-03
Chain of Custody:	11638	Date Received:	12-18-03
Sample Matrix:	Soil	Date Analyzed:	12-18-03
Preservative:	Cool	Date Extracted:	12-18-03
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	76.6	1.8
Toluene	2,430	1.7
Ethylbenzene	413	1.5
p,m-Xylene	1,410	2.2
o-Xylene	599	1.0
Total BTEX	4,930	

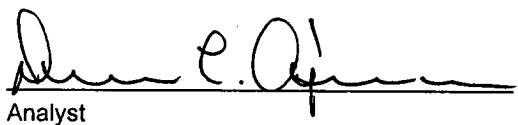
ND - Parameter not detected at the stated detection limit.

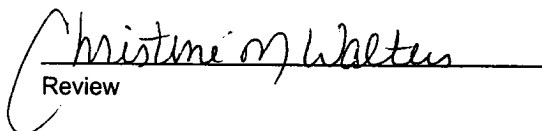
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	96 %
	1,4-difluorobenzene	96 %
	Bromochlorobenzene	96 %

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: Feasel, Fred H #1E Separator Pit Grab Sample.


Analyst


Review