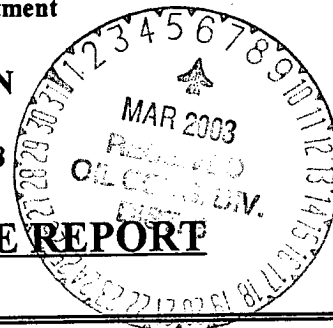


District I
P.O. Box 1980, Hobbs, NM
District II
Drawer DD, Artesia, NM
District III
1000 Rio Bravo Rd., Aztec, NM

State of New Mexico
Energy, Minerals and Natural Resources Department

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



OK CTO17
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 Blow
Land Type: BLM X, State , Fee , Other

Pit Location: Pit dimensions: length NA, width NA, depth NA
(Attach diagram) Reference: wellhead X, other
Footage from reference: 135'
Direction from reference: 58 Degrees ☒ East North
West South ☒

Depth To Groundwater: Less than 50 feet (20 points)
(Vertical distance from 50 feet to 99 feet (10 points)
contaminants to seasonal high water elevation of groundwater) Greater than 100 feet (0 points) 0

Wellhead Protection Area: Yes (20 points)
(Less than 200 feet from a private domestic water source, or; less than 1000 feet from all other water sources) No (0 points) 0

Distance To Surface Water: Less than 100 feet (20 points)
(Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches) 100 feet to 1000 feet (10 points)
Greater than 1000 feet (0 points) 0

RANKING SCORE (TOTAL POINTS): 0

Blow Pit CTO17

Date Remediation Started: _____

Date Completed: 11-8-02

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 9' (Test hole bottom)Sample date 11-7-02 Sample time 1235

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. BlaggSIGNATURE Jeffrey C. Blagg AND TITLE President P.E. # 11607

3004526141

CLIENT:

XTO

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

LOCATION NO: CTO17

COCR NO:

10408

FIELD REPORT: PIT CLOSURE VERIFICATION

PAGE No: 1 of 1

LOCATION: NAME: DUFF GC WELL #: 1E TYPE: BLOW

DATE STARTED: 11-7-02

DATE FINISHED: 11-7-02

QUAD/UNIT: 68 SEC: 34 TWP: 30N RNG: 12W PM: NM CNTY: SJ ST: NM

ENVIRONMENTAL
SPECIALIST:

JCB

QTR/FOOTAGE: 1770'N/1480'E SW/NE CONTRACTOR: HIGH DESERT (Fernando)

EXCAVATION APPROX. 12 FT. x 12 FT. x 7 FT. DEEP. CUBIC YARDAGE: 0

DISPOSAL FACILITY: NA REMEDIATION METHOD: CLOSE AS IS

LAND USE: RANGE - RLM LEASE: FED Com 14080017947 FORMATION: DK

FIELD NOTES & REMARKS:

PIT LOCATED APPROXIMATELY 135 FT. S58°E 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:

OVM CALIB. READ. = 130.6 ppm

OVM CALIB. GAS = 250 ppm

RF = 0.52

TIME: 1123 am/pm DATE: 11-7-02

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 & 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: WOOD LINED PIT W/ STEEL TANK INSTALLED. USE BACKHOE TO REMOVE TANK & DIG TEST TRENCH IN PIT BOTTOM.

CLOSED

FIELD 418.1 CALCULATIONS

SCALE



0 FT

PIT PERIMETER

PIT PROFILE

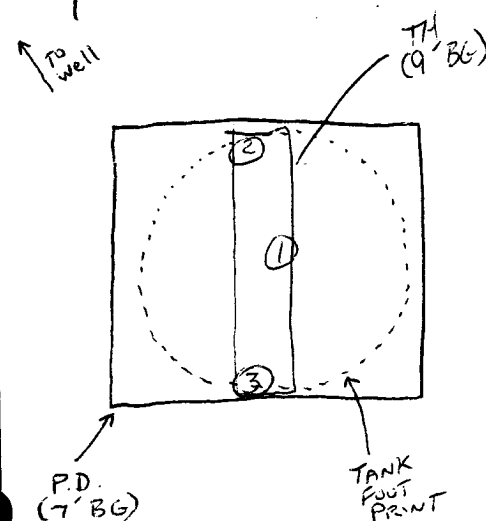
**OVM
READING**

SAMPLE ID	FIELD HEADSPACE (ppm)
1 @ 9'	ND
2 @ 9'	ND
3 @ 9'	ND
4 @	
5 @	

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
1 @ 9'	TPH	1235
	PASSED	

NOT APPLICABLE



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

TRAVEL NOTES:

CALLOUT: 11/7/02 100

ONSITE: 11/7/02 1050

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

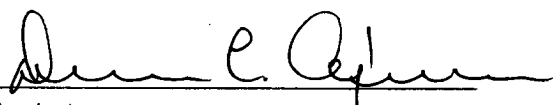
Client:	Blagg / XTO	Project #:	94034-010
Sample ID:	Blow #1 @ 9'	Date Reported:	11-08-02
Laboratory Number:	24191	Date Sampled:	11-07-02
Chain of Custody No:	10408	Date Received:	11-07-02
Sample Matrix:	Soil	Date Extracted:	11-08-02
Preservative:	Cool	Date Analyzed:	11-08-02
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

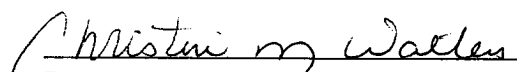
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

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