

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-144
June 1, 2004

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

For drilling and production facilities, submit to
appropriate NMOCD District Office.
For downstream facilities, submit to Santa Fe
office

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes ☒ No ☐

Type of action: Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank ☒

Operator: XTO ENERGY INC. Telephone: (505)-324-1090 e-mail address: _____
Address: 2700 FARMINGTON AVE.. BLDG. K. SUITE 1. FARMINGTON. NM 87401
Facility or well name: KUTZ DEEP GC D #1 API #: 30-045- 07230 U/L or Qtr/Qtr A Sec 27 T 28N R 10W
County: SAN JUAN Latitude 36.63833 Longitude 107.87673 NAD: 1927 ☐ 1983 ☒ Surface Owner Federal ☒ State ☐ Private ☐ Indian ☐

Pit

Type: Drilling ☐ Production ☐ Disposal ☒ SEPARATOR

Workover ☐ Emergency ☐

Lined ☐ Unlined ☒

Liner type: Synthetic ☐ Thickness _____ mil Clay ☐

Pit Volume _____ bbl

Below-grade tank

Volume: _____ bbl Type of fluid: _____

Construction material: _____

Double-walled, with leak detection? Yes ☐ If ☒ No, explain why not. _____

Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)	Less than 50 feet	(20 points)	
	50 feet or more, but less than 100 feet	(10 points)	0
	100 feet or more	(0 points)	
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 all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet	(20 points)	
	200 feet or more, but less than 1000 feet	(10 points)	0
	1000 feet or more	(0 points)	
Ranking Score (Total Points)			0

If this is a pit closure: (1) attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: (check the onsite box if you are burying in place) onsite ☒ offsite ☐ If offsite, name of facility _____. (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No ☒ Yes ☐ If yes, show depth below ground surface _____ ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments: PIT LOCATED APPROXIMATELY 125 FT. N17E FROM WELL HEAD.

PIT EXCAVATION: WIDTH NA ft., LENGTH NA ft., DEPTH NA ft.

PIT REMEDIATION: CLOSE AS IS: ☒, LANDFARM: ☐, COMPOST: ☐, STOCKPILE: ☐, OTHER ☐ (explain)

Cubic yards: NA

BEDROCK BOTTOM

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐, or an alternative OCD-approved plan ☒.

Date: 12/16/04

Printed Name/Title Jeff Blagg - P.E. # 11607

Signature Jeff Blagg

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval:

Printed Name/Title

DEPUTY OIL & GAS INSPECTOR, DIST. 3

Signature

Jenny

Date:

MAR 27 2006

CLIENT: XTO

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

LOCATION NO: CT-134COCR NO: 13366
HALL**FIELD REPORT: PIT CLOSURE VERIFICATION**PAGE No: 1 of 1LOCATION: NAME: KUTZ DEEP GC DWELL# 1 TYPE: SEP.DATE STARTED: 12/14/04QUAD/UNIT: A SEC: 27 TWP: 28N RNG: 10W PM: NM CNTY: ST ST: NM

DATE FINISHED:

QTR/FOOTAGE: 790'N/790'E NE/NE CONTRACTOR: KELCO (THOMAS)ENVIRONMENTAL SPECIALIST: NVEXCAVATION APPROX. NA FT. x NA FT. x NA FT. DEEP. CUBIC YARDAGE: NADISPOSAL FACILITY: ON-SITE REMEDIATION METHOD: CLOSE AS ISLAND USE: RANGE-BLM LEASE: SF 077383 FORMATION: DK**FIELD NOTES & REMARKS:**PIT LOCATED APPROXIMATELY 125 FT. N7E FROM WELLHEAD.DEPTH TO GROUNDWATER: 2100' 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. = 53.6 ppm
 OVM CALIB. GAS = 100 ppm RF = 0.52
 TIME: 1:00 am/pm DATE: 12/14/04

SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER BEDROCK (SANDSTONE)
 SOIL COLOR: PALE YEL. ORANGE TO MED. GRAY / BLACK BEDROCK - LT. GRAY TO BLACK

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

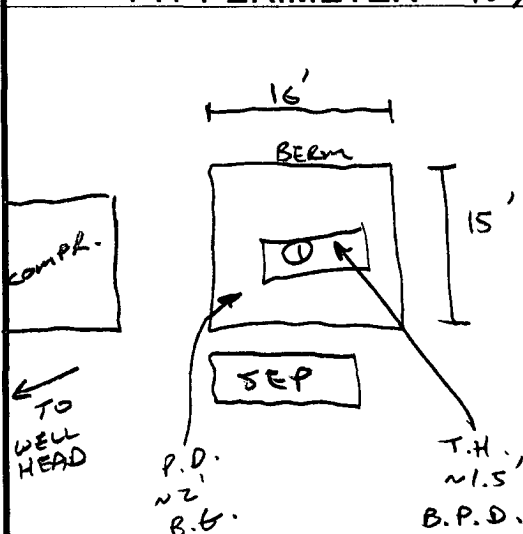
MOISTURE: DRY / SLIGHTLY MOIST / MOIST / WET / SATURATED / SUPER SATURATEDDISCOLORATION/STAINING OBSERVED: YES / NO EXPLANATION - BET. 2.5 - 3.5' BELOW GRADE & BEDROCK SURFACEHC ODOR DETECTED: YES / NO EXPLANATION - DISCOLORED SOIL & OVM SAMPLESAMPLE TYPE: GRAB COMPOSITE - # OF PTS. -

ADDITIONAL COMMENTS: COLLECTED SAMPLE FROM BEDROCK SURFACE - BEDROCK - VERY HARD,
BEDROCK BOTTOM COMPETENT. COLLECTED DUPLICATE SAMPLES TO BE ANALYZED BY
TWO DIFFERENT LABS.

CLOSED**FIELD 418.1 CALCULATIONS****SCALE**

0 FT

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

PIT PERIMETER**PIT PROFILE****OVM READING**

SAMPLE ID	FIELD HEADSPACE (ppm)
1 @ 3.5'	169.4
2 @	
3 @	
4 @	
5 @	

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
DE 3.5'	TAH (80158)	1252
	STEX (80218)	"
	PASSED	

NOT APPLICABLE

ENVIROTECH
 T. HALL ENVIRO.

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

TRAVEL NOTES:CALLOUT: 12/14/04 - MORN.ONSITE: 12/14/04 - AFTER (SCHED.)

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

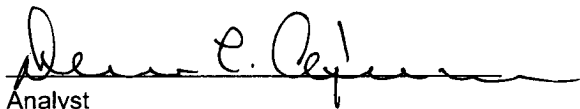
Client:	Blagg / XTO Energy	Project #:	94034-010
Sample ID:	1 @ 3.5'	Date Reported:	12-16-04
Laboratory Number:	31449	Date Sampled:	12-14-04
Chain of Custody No:	13366	Date Received:	12-15-04
Sample Matrix:	Soil	Date Extracted:	12-15-04
Preservative:	Cool	Date Analyzed:	12-16-04
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

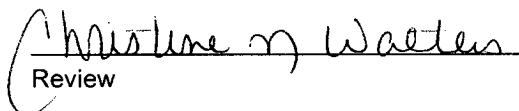
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	21.3	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	21.3	0.2

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: **Kutz Deep GC D #1 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 @ 3.5'	Date Reported:	12-16-04
Laboratory Number:	31449	Date Sampled:	12-14-04
Chain of Custody:	13366	Date Received:	12-15-04
Sample Matrix:	Soil	Date Analyzed:	12-16-04
Preservative:	Cool	Date Extracted:	12-15-04
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	1,330	1.8
Toluene	797	1.7
Ethylbenzene	483	1.5
p,m-Xylene	736	2.2
o-Xylene	1,350	1.0
Total BTEX	4,700	

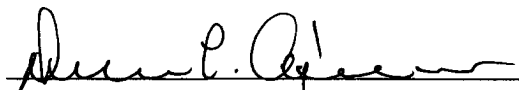
ND - Parameter not detected at the stated detection limit.

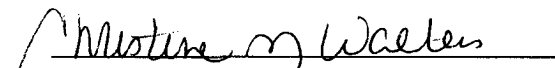
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	97 %
	1,4-difluorobenzene	97 %
	Bromochlorobenzene	97 %

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: Kutz Deep GC D #1 Separator Pit Grab Sample.


Analyst


Review

Hall Environmental Analysis Laboratory

Date: 23-Dec-04

CLIENT: Blagg Engineering
Lab Order: 0412140
Project: Kutz Deep GC D#1
Lab ID: 0412140-01

Client Sample ID: 1 @ 3.5' Separator Pit
Collection Date: 12/14/2004 12:52:00 PM

Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: JMP
Diesel Range Organics (DRO)	36	10		mg/Kg	1	12/21/2004 11:46:38 PM
Motor Oil Range Organics (MRO)	110	50		mg/Kg	1	12/21/2004 11:46:38 PM
Surr: DNOP	114	60-124		%REC	1	12/21/2004 11:46:38 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	140	25		mg/Kg	5	12/21/2004 10:19:22 AM
Surr: BFB	115	78.3-120		%REC	5	12/21/2004 10:19:22 AM
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.13		mg/Kg	5	12/21/2004 10:19:22 AM
Toluene	ND	0.13		mg/Kg	5	12/21/2004 10:19:22 AM
Ethylbenzene	ND	0.13		mg/Kg	5	12/21/2004 10:19:22 AM
Xylenes, Total	3.0	0.13		mg/Kg	5	12/21/2004 10:19:22 AM
Surr: 4-Bromofluorobenzene	113	87.4-116		%REC	5	12/21/2004 10:19:22 AM

rv 1/27/05

TOTAL TPH = 286 ppm

TOTAL BTEX = 3.0 ppm

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range