

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

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

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

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: DRYDEN LS #4 API #: 30-045- 06675 U/L or Qtr/Qtr H Sec 12 T 27N R 8W
County: SAN JUAN Latitude 36.59116 Longitude 107.62747 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: N/A
Double-walled, with leak detection? Yes ☐ If not, 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)	0
	50 feet or more, but less than 100 feet	(10 points)	
	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)	0
	No	(0 points)	
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet	(20 points)	0
	200 feet or more, but less than 1000 feet	(10 points)	
	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 66 FT. S80E FROM WELL HEAD.

PIT EXCAVATION: WIDTH 16 ft., LENGTH 16 ft., DEPTH 4.5 ft.

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

Cubic yards: 40

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: 4/16/05

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

Signature

Jeffrey C. 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. #

Signature

Brandon D. Hall

Date:

1 MAR 23 2006

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36.59116/107.62747

CLIENT: <u>XTO</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>GT70</u> COCR NO: <u>13866</u>
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FIELD REPORT: PIT CLOSURE VERIFICATIONPAGE No: 1 of 1

LOCATION: NAME: <u>DRYDEN LS</u> WELL #: <u>4</u> TYPE: <u>SEP.</u>	DATE STARTED: <u>4/15/05</u>
QUAD/UNIT: <u>H SEC: 12 TWP: 27N RING: 8W PM: NM CNTY: SJ ST: NM</u>	DATE FINISHED: _____
QTR/FOOTAGE: <u>1650'N / 840'E</u> <u>SELF</u> CONTRACTOR: <u>HDI (FERNANDO)</u>	ENVIRONMENTAL SPECIALIST: <u>NV</u>

EXCAVATION APPROX. <u>16</u> FT. x <u>16</u> FT. x <u>4.5</u> FT. DEEP. CUBIC YARDAGE: <u>40</u>
DISPOSAL FACILITY: <u>ON-SITE</u> REMEDIATION METHOD: <u>LANDFARM</u>
LAND USE: <u>RANGE - BLM</u> LEASE: <u>NM 103797</u> FORMATION: <u>MV</u>

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY <u>66</u> FT. <u>5806</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

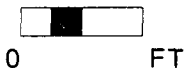
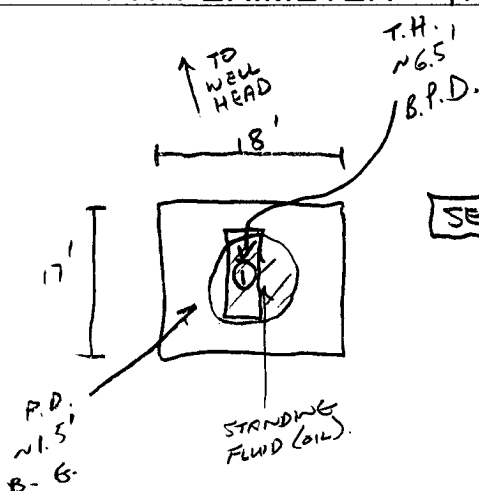
SOIL AND EXCAVATION DESCRIPTION:

OVM CALIB. READ. = <u>53.7</u> ppm
OVM CALIB. GAS = <u>100</u> ppm RF = 0.52
TIME: <u>8:00</u> @/pm DATE: <u>4/14/05</u>

SOIL TYPE: <u>SAND</u> SILTY SAND / SILT / <u>SILTY CLAY</u> <u>CLAY</u> GRAVEL / OTHER _____
SOIL COLOR: _____
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 / <u>MEDIUM PLASTIC</u> HIGHLY PLASTIC
DENSITY (COHESIVE CLAYS & SILTS): SOFT / <u>FIRM</u> / <u>STIFF</u> VERY STIFF / HARD
MOISTURE: DRY / <u>SLIGHTLY MOIST</u> / MOIST / WET / SATURATED / <u>SUPER SATURATED</u> ← EXCAVATED SOIL
DISCOLORATION/STAINING OBSERVED: <u>YES</u> / NO EXPLANATION - _____
HC ODOR DETECTED: <u>YES</u> / NO EXPLANATION - _____
SAMPLE TYPE: <u>GRAB</u> / COMPOSITE - # OF PTS. <u>1</u>
ADDITIONAL COMMENTS: _____

CLOSED**FIELD 418.1 CALCULATIONS**

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

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

SAMPLE ID	FIELD HEADSPACE (ppm)
1 @ 8'	2.7
2 @	
3 @	
4 @	
5 @	

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
1 @ 8'	TPH (80158)	102
	<u>PASSED</u>	

NOT APPLICABLE

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

TRAVEL NOTES: CALLOUT: 4/14/05 - AFTER ONSITE: 4/15/05 - MORN. (SCHED.)

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

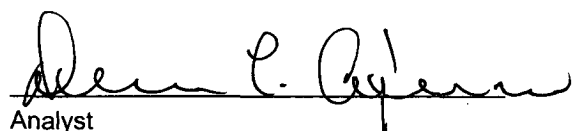
Client:	Blagg / XTO energy	Project #:	94034-010
Sample ID:	1 @ 8'	Date Reported:	04-16-05
Laboratory Number:	32656	Date Sampled:	04-15-05
Chain of Custody No:	13866	Date Received:	04-15-05
Sample Matrix:	Soil	Date Extracted:	04-15-05
Preservative:	Cool	Date Analyzed:	04-16-05
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

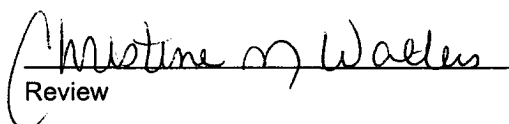
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

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: **Dryden LS #4 Separator Pit Grab Sample.**


Analyst


Review

13866

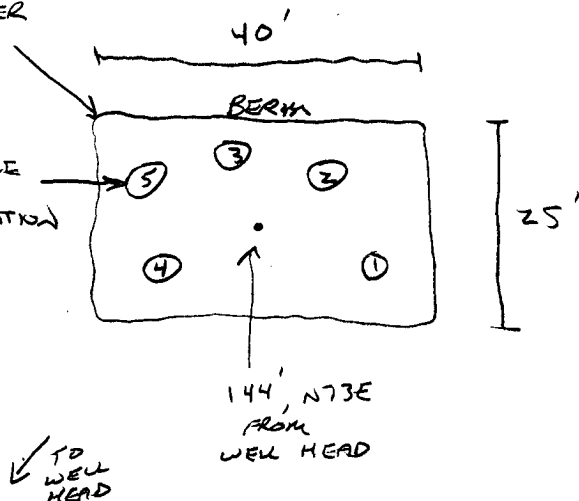
san juan reproduction 578-129

CLIENT: XTO**BLAGG ENGINEERING, INC.**
P.O. BOX 87, BLOOMFIELD, NM 87413
(505) 632-1199LOCATION NO: CT 170C.O.C. NO: 14529**FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION**LOCATION: NAME: DRYDEN LS WELL #: 4 PITS: SEP.DATE STARTED: 1/13/06QUAD/UNIT: H SEC: 12 TWP: 27N RNG: 8W PM: NM CNTY: SJ ST: NM

DATE FINISHED: _____

QTR/FOOTAGE: _____ SE/NE CONTRACTOR: HDIENVIRONMENTAL
SPECIALIST: NV**SOIL REMEDIATION:**REMEDICATION SYSTEM: LANDFARMAPPROX. CUBIC YARDAGE: 40LAND USE: RANGE - BLMLIFT DEPTH (ft): 1-1.5**FIELD NOTES & REMARKS:**DEPTH TO GROUNDWATER: >100' NEAREST SURFACE WATER: >1,000'NEAREST WATER SOURCE: >1,000' NMOCD RANKING SCORE: 0 NMOCD TPH CLOSURE STD: 5,000 PPMSOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER _____SOIL COLOR: MOSTLY DR. YELL. ORANGE TO MOD. BROWN MINOR AMT. OF DR. GRAYCOHESION (ALL OTHERS): NON COHESIVE / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVECONSISTENCY (NON COHESIVE SOILS): LOOSE / FIRM / DENSE / VERY DENSEPLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTICDENSITY (COHESIVE CLAYS & SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARDMOISTURE: DRY / SLIGHTLY MOIST / MOIST / WET / SATURATED / SUPER SATURATEDDISCOLORATION/STAINING OBSERVED: YES / NO EXPLANATION - MINOR AMT. OF DR. GRAY IN ALL SAMPLE PTS.HC ODOR DETECTED: YES / NO EXPLANATION - _____SAMPLING DEPTHS (LANDFARMS): 6-12 (INCHES)SAMPLE TYPE: GRAB COMPOSITE # OF PTS. 5

ADDITIONAL COMMENTS: _____

CLOSED**SKETCH/SAMPLE LOCATIONS**LANDFARM
PERIMETERSAMPLE
PT.
DESIGNATIONOVM CALIB. READ. = 53.3 ppm
OVM CALIB. GAS = 100 ppm RF = 0.52
TIME: 9:55 am DATE: 1/11/06**OVM RESULTS****LAB SAMPLES**

SAMPLE ID	FIELD HEADSPACE (ppm)	SAMPLE ID	ANALYSIS	TIME	RESULTS
LF-1	0.0	LF-1	TPH (80158)	1050	3,050

P.C. - 4/15/06

SCALE

0 FT

TRAVEL NOTES: CALLOUT: N/AONSITE: 1/13/06

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

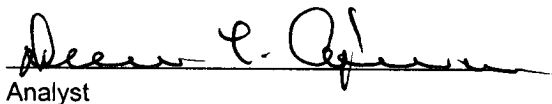
Client:	Blagg / XTO Energy	Project #:	94034-010
Sample ID:	LF - 1	Date Reported:	01-16-06
Laboratory Number:	35739	Date Sampled:	01-13-06
Chain of Custody No:	14529	Date Received:	01-13-06
Sample Matrix:	Soil	Date Extracted:	01-16-06
Preservative:	Cool	Date Analyzed:	01-16-06
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

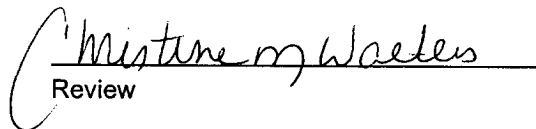
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	3,050	0.1
Total Petroleum Hydrocarbons	3,050	0.2

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: **Dryden LS #4 Landfarm 5 Pt. Composite Sample.**


Analyst


Review

14529

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