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

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

Form C-144
June 1, 2004

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: SCHWERDTFEGER A LS #23 API #: 30-045- 11705 U/L or Qtr/Qtr O Sec 8 T 27N R 8W
County: SAN JUAN Latitude 36.58435 Longitude 107.70157 NAD: 1927 ☐ 1983 ☒ Surface Owner Federal ☒ State ☐ Private ☐ Indian ☐

Pit	**Below-grade tank**		
Type: Drilling ☐ Production ☐ Disposal ☒ SEPARATOR Workover ☐ Emergency ☐ Lined ☐ Unlined ☒ Liner type: Synthetic ☐ Thickness _____mil Clay ☐ Pit Volume _____bbl	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 50 feet or more, but less than 100 feet 100 feet or more	(20 points) (10 points) (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 all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet 200 feet or more, but less than 1000 feet 1000 feet or more	(20 points) (10 points) (0 points)	0
	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 your 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 21 FT. S85W FROM WELL HEAD.
PIT EXCAVATION: WIDTH N/A ft., LENGTH N/A ft., DEPTH N/A ft. .
PIT REMEDIATION: CLOSE AS IS: ☒, LANDFARM: ☐, COMPOST: ☐, STOCKPILE: ☐, OTHER ☐ (explain)
Cubic yards: N/A
BEDROCK BOTTOM

MAR 2006
RECEIVED
OIL CONS. DIV.
DIST. 3

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: 01/24/05

PrintedName/Title Jeff Blagg – P.E. # 11607 Signature

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 Date: MAR 27 2006

30045 11705 36. 58435 / 107.70157

CLIENT: XTO	**BLAGG ENGINEERING, INC.** **P.O. BOX 87, BLOOMFIELD, NM 87413** **(505) 632-1199**	LOCATION NO: CT 149 COCR NO: 13379

FIELD REPORT: PIT CLOSURE VERIFICATION

D&A

PAGE No: 1 of 1

LOCATION: NAME: SCHWERDTFEGER A LS WELL #: 23 TYPE: SEP.

QUAD/UNIT: O SEC: 8 TWP: 27N RNG: 8W PM: NM CNTY: SJ ST: NM

QTR/FOOTAGE: 810'S / 1844'E SW/SE CONTRACTOR: KELCO (MIKE)

DATE STARTED: 1/21/05

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: SF079319 FORMATION: PC

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 21 FT. 58SW FROM WELLHEAD.

DEPTH TO GROUNDWATER: >100' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: >1000'

NMOCD RANKING SCORE: 0 NMOCD TPH CLOSURE STD: 5000 PPM

SOIL AND EXCAVATION DESCRIPTION:

ELEV. 6718'

OVM CALIB. READ. = 53.1 ppm CHECK

OVM CALIB. GAS = 100 ppm RF = 0.52

TIME: 9:45 (am)/pm DATE: 1/21/05

SOIL TYPE: (SAND) / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER BEDROCK (SANDSTONE)

SOIL COLOR: MED. TO LT. GRAY BEDROCK - LT. GRAY

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

CLOSED

MOISTURE: DRY / SLIGHTLY MOIST / (MOIST) / (WET) SATURATED / SUPER SATURATED

DISCOLORATION/STAINING OBSERVED (YES) / NO EXPLANATION - ENTIRE TEST HOLE & BEDROCK SURFACE.

HC ODOR DETECTED (YES) / NO EXPLANATION - TEST HOLE & OVM SAMPLE

SAMPLE TYPE: (GRAB) COMPOSITE - # OF PTS. —

ADDITIONAL COMMENTS: COLLECTED SAMPLE FROM BEDROCK SURFACE. BEDROCK - HARD, SLIGHTLY FRIABLE. INSTRUCTED OPERATOR TO DILUTE / AERATE IMPACTED SOIL & LEAVE IN PLACE.

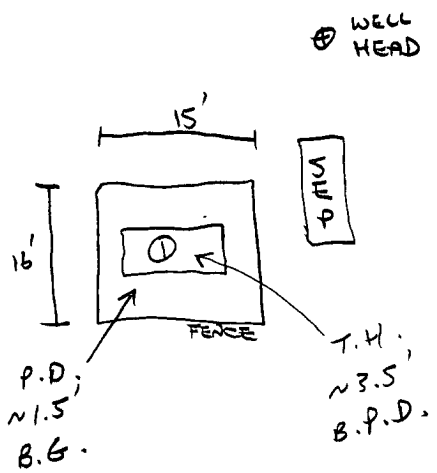
BEDROCK BOTTOM

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 @ 5'	296
2 @	
3 @	
4 @	
5 @	

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
(1) @ 5'	TPH (8015B)	1035
"	BTEX (8021B)	"
	PASSED	

PIT PROFILE

NOT APPLICABLE

TRAVEL NOTES: CALLOUT: ONSITE:

revised: 09/04/02 bei1005C.skf

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 @ 5'	Date Reported:	01-24-05
Laboratory Number:	31731	Date Sampled:	01-21-05
Chain of Custody No:	13379	Date Received:	01-21-05
Sample Matrix:	Soil	Date Extracted:	01-22-05
Preservative:	Cool	Date Analyzed:	01-24-05
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**13.6**	**0.2**
Diesel Range (C10 - C28)	**3.2**	**0.1**
Total Petroleum Hydrocarbons	**16.8**	**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: **Schwerdtfeger A LS #23 Separator Pit Grab Sample.**

Analyst

Review

5796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Blagg / XTO Energy	Project #:	94034-010
Sample ID:	1 @ 5'	Date Reported:	01-24-05
Laboratory Number:	31731	Date Sampled:	01-21-05
Chain of Custody:	13379	Date Received:	01-21-05
Sample Matrix:	Soil	Date Analyzed:	01-24-05
Preservative:	Cool	Date Extracted:	01-22-05
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**277**	**2.1**
Toluene	**359**	**1.8**
Ethylbenzene	**312**	**1.7**
p,m-Xylene	**564**	**1.5**
o-Xylene	**329**	**2.2**
Total BTEX	**1,840**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**99.8 %**
	1,4-difluorobenzene	**99.8 %**
	Bromochlorobenzene	**99.8 %**

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: **Schwerdtfeger A LS #23 Separator Pit Grab Sample.**

Analyst

Review

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