

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: HANSON #1		API #: 30-045- 21298	U/L or Qtr/Qtr B Sec 6 T 25N R 10W
County: SAN JUAN Latitude 36.43476 Longitude 107.93423		NAD: 1927 <input type="checkbox"/> 1983 <input checked="" type="checkbox"/> Surface Owner Federal <input checked="" type="checkbox"/> State <input type="checkbox"/> Private <input type="checkbox"/> Indian <input type="checkbox"/>	
Pit Type: Drilling <input type="checkbox"/> Production <input checked="" type="checkbox"/> Disposal <input type="checkbox"/> PROD. TANK Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input type="checkbox"/> Unlined <input checked="" type="checkbox"/> Liner type: Synthetic <input type="checkbox"/> Thickness _____ mil Clay <input type="checkbox"/> Pit Volume _____ bbl		Below-grade tank Volume: _____ bbl Type of fluid: _____ Construction material: NA Double-walled, with leak detection? Yes <input type="checkbox"/> 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) 50 feet or more, but less than 100 feet (10 points) 100 feet or more (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 (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) 1000 feet or more (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 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 132 FT. S60E FROM WELL HEAD.**

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

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

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 ☒.

02/20/06

Date: _____

Jeff Blagg – P.E. # 11607

PrintedName/Title

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:

**Deputy Oil & Gas Inspector,
District #3**

Printed Name/Title

Signature

Date:

SEP 10 2007

CLIENT: <u>XTO</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>CT168</u> COCR NO: <u>14533</u>																																																										
FIELD REPORT: PIT CLOSURE VERIFICATION		PAGE No: <u>1</u> of <u>1</u> DJA																																																										
LOCATION: NAME: <u>HANSON</u> WELL #: <u>1</u> TYPE: <u>PROD. TANK</u> QUAD/UNIT: <u>B</u> SEC: <u>6</u> TWP: <u>25N</u> RNG: <u>10W</u> PM: <u>NM</u> CNTY: <u>ST</u> ST: <u>NM</u> QTR/FOOTAGE: <u>950'N/1800'E</u> NW/NE CONTRACTOR: <u>CORE SERV. (ROBERT)</u>		DATE STARTED: <u>2/16/06</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>CLOSE AS IS</u> LAND USE: <u>RANGE - BLM</u> LEASE: <u>SE 080373</u> FORMATION: <u>DK</u>																																																												
FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY <u>132</u> FT. <u>560E</u> FROM WELLHEAD. DEPTH TO GROUNDWATER: <u>>100'</u> NEAREST WATER SOURCE: <u>>1,000'</u> NEAREST SURFACE WATER: <u>>1,000'</u> NMOCD RANKING SCORE: <u>0</u> NMOCD TPH CLOSURE STD: <u>5,000</u> PPM																																																												
SOIL AND EXCAVATION DESCRIPTION:		OVM CALIB. READ. = <u>53.3</u> ppm OVM CALIB. GAS = <u>100</u> ppm RF = 0.52 TIME: <u>3:20</u> am/pm DATE: <u>2/16/06</u>																																																										
SOIL TYPE: <u>SAND</u> / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER: <u>BEDROCK (SANDSTONE)</u> SOIL COLOR: <u>OK, YEL. ORANGE</u> - <u>BEDROCK - LT. TO OLIVE 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): <u>NON PLASTIC</u> / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC DENSITY (COHESIVE CLAYS & SILTS) <u>SOFT</u> / FIRM / STIFF / VERY STIFF / HARD (CLOSED) MOISTURE: <u>DRY</u> / SLIGHTLY MOIST / MOIST / WET / SATURATED / SUPER SATURATED DISCOLORATION/STAINING OBSERVED: <u>YES</u> / NO EXPLANATION: <u>GRAY BET. 3'-6' BELOW GRADE - BEDROCK</u> HC ODOR DETECTED: <u>YES</u> / NO EXPLANATION: <u>TEST HOLE OF OVM SAMPLE (STRONG)</u> SAMPLE TYPE: <u>GRAB</u> / COMPOSITE - # OF PTS: <u>1</u> ADDITIONAL COMMENTS: <u>COLLECTED SAMPLE PT. FROM BEDROCK - BEDROCK BET. 3'-6' BELOW GRADE,</u> <div style="border: 1px solid black; padding: 2px; display: inline-block;">BEDROCK BOTTOM</div> <u>SOFT TO VERY HARD SLIGHTLY FRIABLE TO COMPETENT. INSTRUCTED OPERATOR TO DIGITE/AERATE IMPACTED SOIL/BEDROCK (TO 6') & LEAVE IN PLACE.</u>																																																												
FIELD 418.1 CALCULATIONS																																																												
SCALE	SAMP. TIME	SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. (ppm)																																																				
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PIT PERIMETER			PIT PROFILE																																																									
			<div style="text-align: center;">OVM READING</div> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>SAMPLE ID</th> <th>FIELD HEADSPACE (ppm)</th> </tr> <tr><td>1 @ 6'</td><td>1,274</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> <tr><td> </td><td></td></tr> <tr><td> </td><td></td></tr> <tr><td> </td><td></td></tr> </table> <div style="text-align: center;">LAB SAMPLES</div> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>SAMPLE ID</th> <th>ANALYSIS</th> <th>TIME</th> </tr> <tr><td>1 @ 6'</td><td>TPH (8015B)</td><td>1528</td></tr> <tr><td>"</td><td>BTEX (8021B)</td><td>"</td></tr> <tr><td>"</td><td>CHLORIDE</td><td>"</td></tr> <tr><td> </td><td></td><td></td></tr> <tr><td> </td><td></td><td></td></tr> <tr><td> </td><td></td><td></td></tr> <tr><td> </td><td></td><td></td></tr> </table> <div style="text-align: center; border: 1px solid black; border-radius: 50%; width: 50px; margin: 0 auto; padding: 5px;">PASSED</div>						SAMPLE ID	FIELD HEADSPACE (ppm)	1 @ 6'	1,274	2 @		3 @		4 @		5 @																		SAMPLE ID	ANALYSIS	TIME	1 @ 6'	TPH (8015B)	1528	"	BTEX (8021B)	"	"	CHLORIDE	"												
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P.D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW T.H. = TEST HOLE; ~ = APPROX.; T.B. = TANK BOTTOM			NOT APPLICABLE																																																									
TRAVEL NOTES: CALLOUT: <u>2/16/06 - MORNING</u> ONSITE: <u>2/16/06 - AFTER.</u>																																																												

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

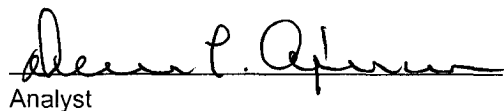
Client:	Blagg / XTO Energy	Project #:	94034-010
Sample ID:	1 @ 6'	Date Reported:	02-20-06
Laboratory Number:	36265	Date Sampled:	02-16-06
Chain of Custody No:	14533	Date Received:	02-17-06
Sample Matrix:	Soil	Date Extracted:	02-18-06
Preservative:	Cool	Date Analyzed:	02-20-06
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

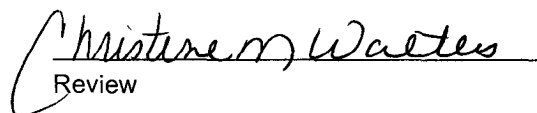
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	2,140	0.2
Diesel Range (C10 - C28)	670	0.1
Total Petroleum Hydrocarbons	2,810	0.2

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: **Hanson #1 - Production Tank 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 @ 6'	Date Reported:	02-20-06
Laboratory Number:	36265	Date Sampled:	02-16-06
Chain of Custody:	14533	Date Received:	02-17-06
Sample Matrix:	Soil	Date Analyzed:	02-20-06
Preservative:	Cool	Date Extracted:	02-18-06
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	7,020	1.8
Toluene	7,280	1.7
Ethylbenzene	3,260	1.5
p,m-Xylene	12,750	2.2
o-Xylene	5,060	1.0
Total BTEX	35,370	

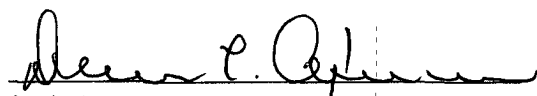
ND - Parameter not detected at the stated detection limit.

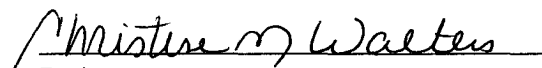
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	97.0 %
	1,4-difluorobenzene	97.0 %
	Bromochlorobenzene	97.0 %

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: Hanson #1 - Production Tank Pit Grab Sample.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Blagg / XTO Energy	Project #:	94034-010
Sample ID:	1 @ 6'	Date Reported:	02-20-06
Lab ID#:	36265	Date Sampled:	02-16-06
Sample Matrix:	Soil	Date Received:	02-17-06
Preservative:	Cool	Date Analyzed:	02-20-06
Condition:	Cool and Intact	Chain of Custody:	14533


Parameter	Concentration (mg/Kg)
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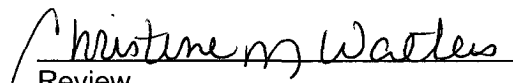
Total Chloride

6.6

Reference: Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: Hanson #1 - Production Tank Pit Grab Sample.


Analyst


Review