

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: <u>Kimbell Oil Company of Texas</u>		Telephone: <u>(817) 335-2593</u>		e-mail address: <u>jms@kimbeloil.com</u>	
Address: <u>777 Taylor Street, Suite P-IIA, Fort Worth, Texas 76102</u>					
Facility or well name: <u>Salazar G Com # 26-1</u>		API #: <u>30039057920000</u>		U/L or Qtr/Qtr <u>M</u> Sec <u>26</u> T <u>25N</u> R <u>6W</u>	
County: <u>Rio Arriba</u>		Latitude <u>36.36633</u>		Longitude <u>-107.44285</u> NAD: 1927 ☒ 1983 ☐	
Surface Owner: Federal ☐ State ☐ Private ☐ Indian ☐					
Pit Type: Drilling ☐ Production ☒ Disposal ☐ Workover ☐ Emergency ☐ Lined ☐ Unlined ☐ Liner type: Synthetic ☐ Thickness <u> </u> mil Clay ☐ Pit Volume <u> </u> bbl			Below-grade tank Volume: <u> </u> bbl Type of fluid: Construction material: Earth Pit 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)
			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) 20
			Ranking Score (Total Points)		20

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:
Maximum reasonable extent of excavation occurred at 6' BGS, encountered sandstone.

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 (attached) alternative OCD-approved plan ☐ .	
Date: <u>10-9-06</u>	Signature: <u>Mr. Jonathan Stickland</u>
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.	
DEPUTY OIL & GAS INSPECTOR, DIST. 3	
Approval: <u>Brandon Powell</u>	Date: <u>OCT 16 2006</u>

CLIENT: <u>Kimball Oil Co. of Texas</u>	ENVIROTECH INC. ENVIRONMENTAL SCIENTISTS & ENGINEERS 5796 U.S. HIGHWAY 64-3014 FARMINGTON, NEW MEXICO 87401 PHONE: (505) 632-0615	LOCATION NO: _____ C.D.C. NO: _____
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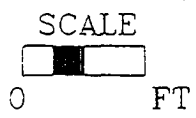
FIELD REPORT: CLOSURE VERIFICATION	PAGE No: <u>1</u> of _____
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LOCATION: NAME: <u>Salazar "G" Com</u> WELL #: <u>26-1</u> PIT: <u>Earth</u> QUAD/UNIT: <u>M</u> SEC: <u>26</u> TWP: <u>25N</u> RNG: <u>6W</u> PM: <u>NMM</u> CNTY: <u>Ariz</u> ST: <u>NM</u> QTR/FOOTAGE: <u>825'S</u> <u>810'W</u> CONTRACTOR: <u>Envirotech</u>	DATE STARTED: <u>7/24/06</u> DATE FINISHED: <u>9/20/06</u> ENVIRONMENTAL SPECIALIST: <u>MPM</u>
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EXCAVATION APPROX. <u>20</u> FT. x <u>25</u> FT. x <u>4</u> FT. DEEP.	CUBIC YARDAGE: <u>65 yd³</u>
DISPOSAL FACILITY: <u>On-site</u>	REMEDIATION METHOD: <u>Landfarm</u>
LAND USE: _____	LEASE: _____ FORMATION: _____

FIELD NOTES & REMARKS:	PIT LOCATED APPROXIMATELY <u>95'</u> FT. <u>75°</u> FROM WELLHEAD. DEPTH TO GROUNDWATER: <u>0</u> NEAREST WATER SOURCE: <u>0</u> NEAREST SURFACE WATER: <u>20</u> NMOC RANKING SCORE: <u>20</u> NMOC TPH CLOSURE STD: <u>100</u> PPM
SOIL AND EXCAVATION DESCRIPTION:	CHECK ONE: ☒ PIT ABANDONED ☐ STEEL TANK INSTALLED

Pump jack is not in operation. Encountered sandstone 2' below surface.
 Removed impacted soils. 2' below surface was the maximum extent of excavation.



FIELD 418.1 CALCULATIONS

TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm
SEE 8015 / 8021							

PIT PERIMETER

OVM RESULTS

PIT PROFILE

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1 2' Below	614 ppm
2	
3	
4	
5	

--- = excavated area

LAB SAMPLES		
SAMPLE ID	ANALYSIS	TIME

TRAVEL NOTES:	CALLOUT: _____	ONSITE: _____
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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client:	Kimbell Oil	Project #:	06011-002-002
Sample ID:	Walls Composite	Date Reported:	09-24-06
Laboratory Number:	38560	Date Sampled:	09-20-06
Chain of Custody No:	1491	Date Received:	09-20-06
Sample Matrix:	Soil	Date Extracted:	09-22-06
Preservative:	Cool	Date Analyzed:	09-24-06
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

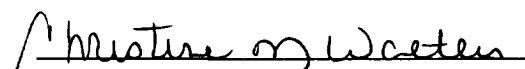
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	11.7	0.1
Total Petroleum Hydrocarbons	11.7	0.2

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: **Salazar G Com #26-1**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

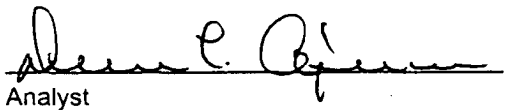
Client:	Kimbell Oil	Project #:	06011-002-002
Sample ID:	Bottom 6'	Date Reported:	09-24-06
Laboratory Number:	38561	Date Sampled:	09-20-06
Chain of Custody No:	1491	Date Received:	09-20-06
Sample Matrix:	Soil	Date Extracted:	09-22-06
Preservative:	Cool	Date Analyzed:	09-24-06
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

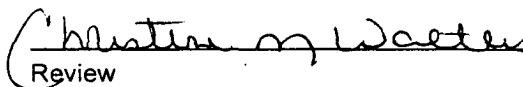
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	17.5	0.2
Diesel Range (C10 - C28)	2,250	0.1
Total Petroleum Hydrocarbons	2,270	0.2

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: **Salazar G Com #26-1**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	09-24-06 QA/QC	Date Reported:	09-24-06
Laboratory Number:	38556	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	09-24-06
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	07-11-05	1.0029E+003	1.0039E+003	0.10%	0 - 15%
Diesel Range C10 - C28	07-11-05	9.9820E+002	1.0002E+003	0.20%	0 - 15%

Blank Conc. (mg/L - mg/Kg)	Concentration	Detection Limit
Gasoline Range C5 - C10	ND	0.2
Diesel Range C10 - C28	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

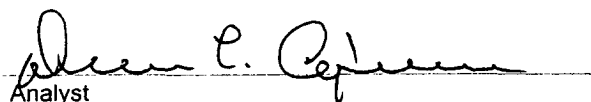
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	2.3	2.3	0.0%	0 - 30%
Diesel Range C10 - C28	ND	ND	0.0%	0 - 30%

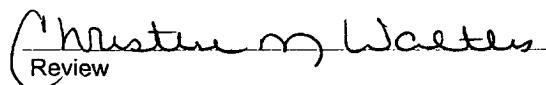
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	2.3	250	252	99.9%	75 - 125%
Diesel Range C10 - C28	ND	250	250	100.0%	75 - 125%

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: QA/QC for Samples 38556 - 38562, 38590 - 38592


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Kimbell Oil	Project #:	06011-002-002
Sample ID:	Walls Composite	Date Reported:	09-24-06
Laboratory Number:	38560	Date Sampled:	09-20-06
Chain of Custody:	1491	Date Received:	09-20-06
Sample Matrix:	Soil	Date Analyzed:	09-24-06
Preservative:	Cool	Date Extracted:	09-22-06
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	4.8	1.8
Toluene	10.2	1.7
Ethylbenzene	13.8	1.5
p,m-Xylene	49.4	2.2
o-Xylene	13.3	1.0
Total BTEX	91.5	

ND - Parameter not detected at the stated detection limit.

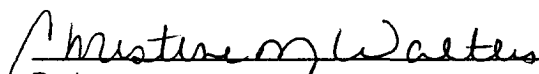
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	98.0 %
	1,4-difluorobenzene	98.0 %
	Bromochlorobenzene	98.0 %

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: Salazar G Com #26-1


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Kimbell Oil	Project #:	06011-002-002
Sample ID:	Bottom 6'	Date Reported:	09-24-06
Laboratory Number:	38561	Date Sampled:	09-20-06
Chain of Custody:	1491	Date Received:	09-20-06
Sample Matrix:	Soil	Date Analyzed:	09-24-06
Preservative:	Cool	Date Extracted:	09-22-06
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	3.4	1.8
Toluene	10.7	1.7
Ethylbenzene	19.5	1.5
p,m-Xylene	134	2.2
o-Xylene	67.2	1.0
Total BTEX	235	

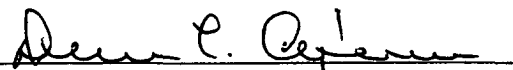
ND - Parameter not detected at the stated detection limit.

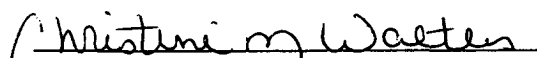
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	99.0 %
	1,4-difluorobenzene	99.0 %
	Bromochlorobenzene	99.0 %

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: Salazar G Com #26-1


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	09-24-BTEX QA/QC	Date Reported:	09-24-06
Laboratory Number:	38556	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	09-24-06
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff.	Blank Conc	Detect. Limit
		Accept. Range 0 - 15%			
Benzene	4.8219E+007	4.8316E+007	0.2%	ND	0.2
Toluene	5.5822E+007	5.5934E+007	0.2%	ND	0.2
Ethylbenzene	2.4440E+007	2.4488E+007	0.2%	ND	0.2
p,m-Xylene	1.0192E+008	1.0212E+008	0.2%	ND	0.2
o-Xylene	4.7541E+007	4.7637E+007	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	61.8	61.7	0.2%	0 - 30%	1.8
Toluene	104	103	0.5%	0 - 30%	1.7
Ethylbenzene	85.8	85.6	0.2%	0 - 30%	1.5
p,m-Xylene	156	155	0.3%	0 - 30%	2.2
o-Xylene	69.5	69.4	0.1%	0 - 30%	1.0

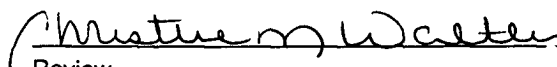
Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	61.8	50.0	111	99.6%	39 - 150
Toluene	104	50.0	153	99.7%	46 - 148
Ethylbenzene	85.8	50.0	135	99.6%	32 - 160
p,m-Xylene	156	100	255	99.7%	46 - 148
o-Xylene	69.5	50.0	119	99.8%	46 - 148

ND - Parameter not detected at the stated detection limit.

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments: QA/QC for Samples 38556 - 38562, 38590 - 38592


Analyst


Review

1491

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